

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082925\
 Data File : BP025631.D
 Acq On : 29 Aug 2025 18:48
 Operator : CG/JU
 Sample : Q2985-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PAD

Quant Time: Aug 29 22:39:07 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	148207	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	573752	20.000	ng	-0.02
39) Acenaphthene-d10	14.384	164	355933	20.000	ng	-0.02
64) Phenanthrene-d10	17.184	188	705312	20.000	ng	-0.02
76) Chrysene-d12	21.630	240	803349	20.000	ng	-0.02
86) Perylene-d12	25.007	264	936545	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	440581	49.368	ng	0.00
7) Phenol-d6	6.961	99	546538	47.767	ng	0.00
23) Nitrobenzene-d5	8.913	82	378759	33.394	ng	-0.02
42) 2,4,6-Tribromophenol	15.901	330	232747	48.581	ng	-0.01
45) 2-Fluorobiphenyl	12.996	172	901813	34.627	ng	-0.02
79) Terphenyl-d14	19.901	244	1557841	35.479	ng	-0.02

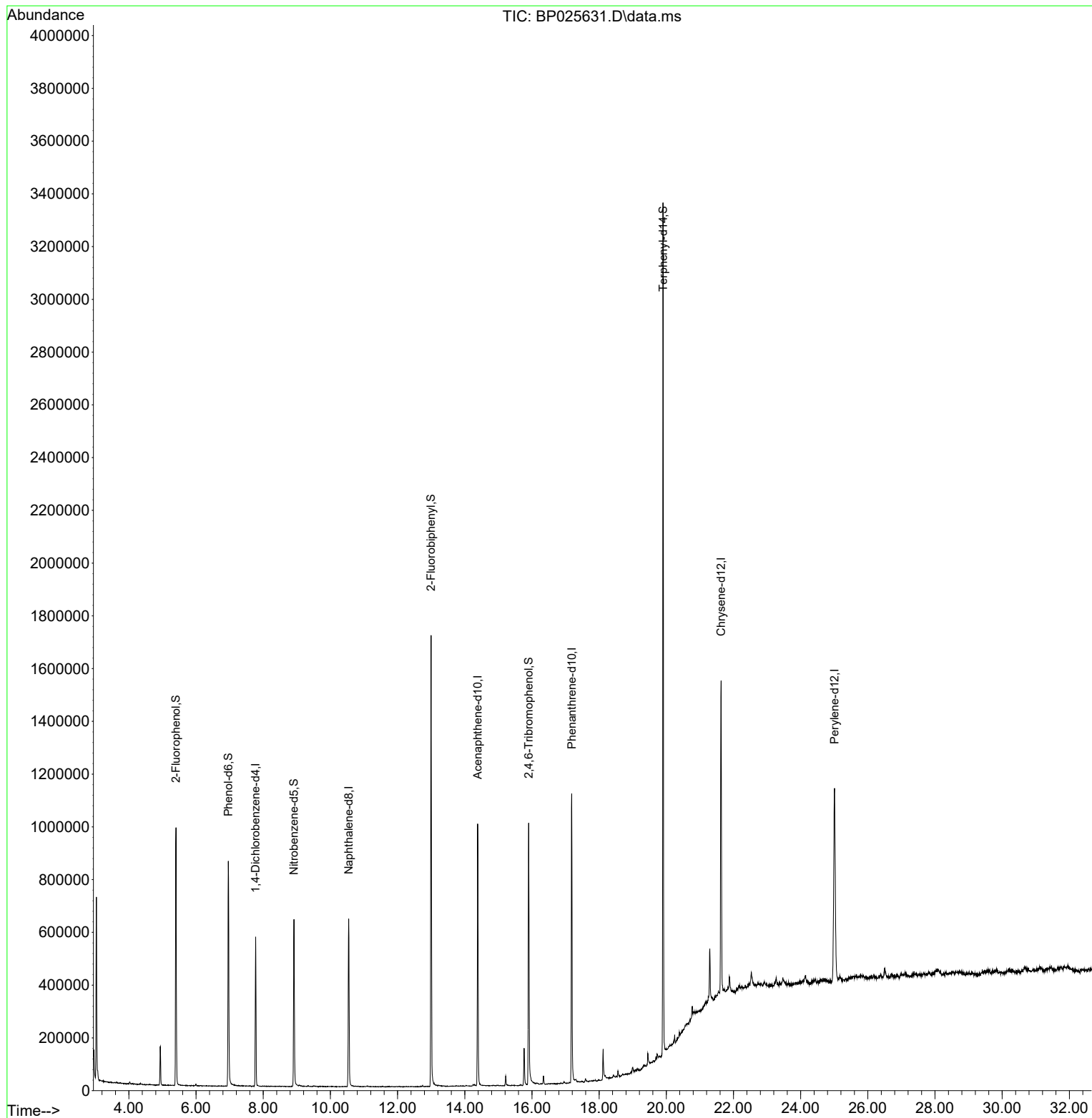
Target Compounds	Qvalue

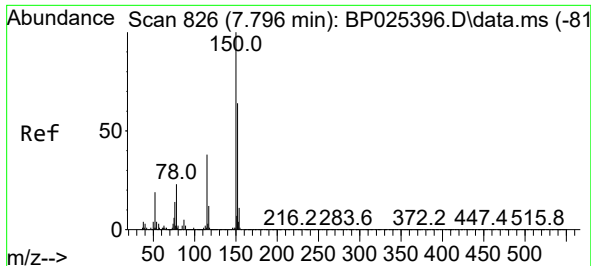
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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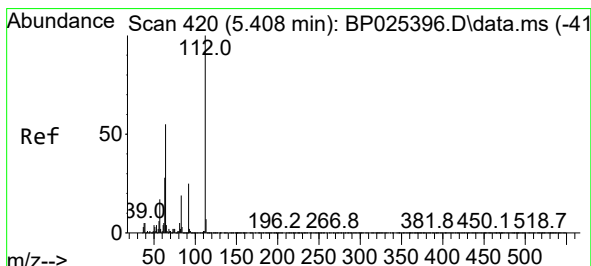
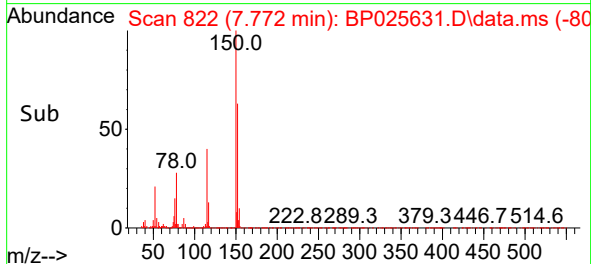
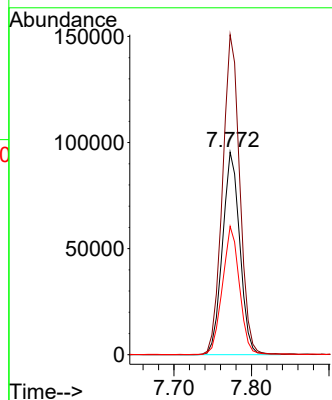
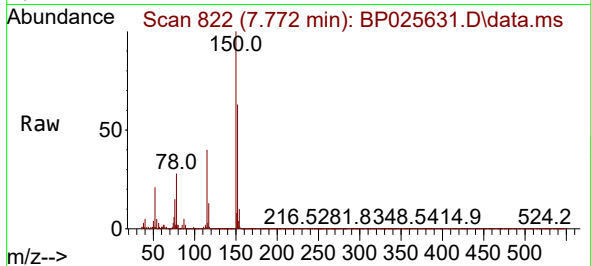




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 81
Delta R.T. -0.024 min
Lab File: BP025631.D
Acq: 29 Aug 2025 18:48

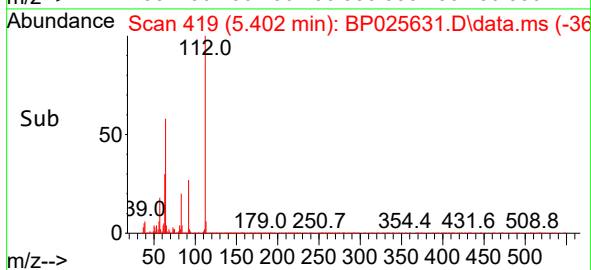
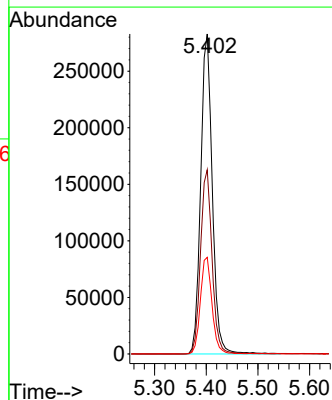
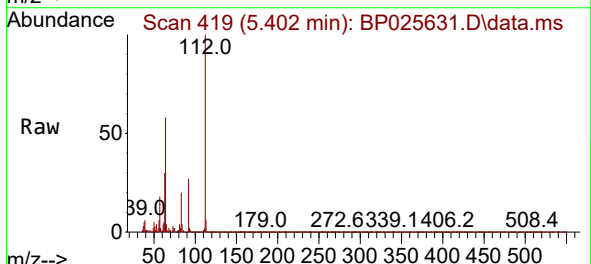
Instrument :
BNA_P
ClientSampleId :
PAD

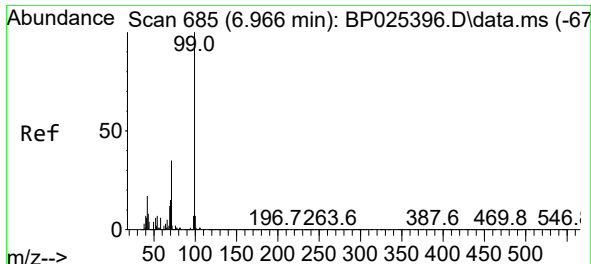
Tgt Ion:152 Resp: 148207
Ion Ratio Lower Upper
152 100
150 157.9 125.9 188.9
115 63.3 48.5 72.7



#5
2-Fluorophenol
Concen: 49.368 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025631.D
Acq: 29 Aug 2025 18:48

Tgt Ion:112 Resp: 440581
Ion Ratio Lower Upper
112 100
64 57.6 43.8 65.8
63 30.2 22.7 34.1

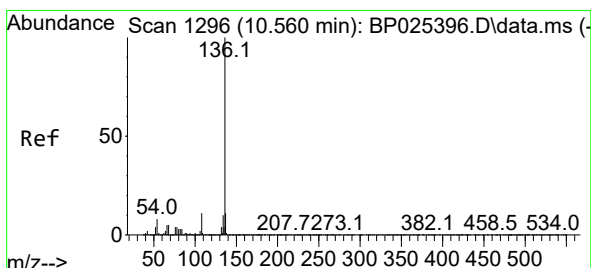
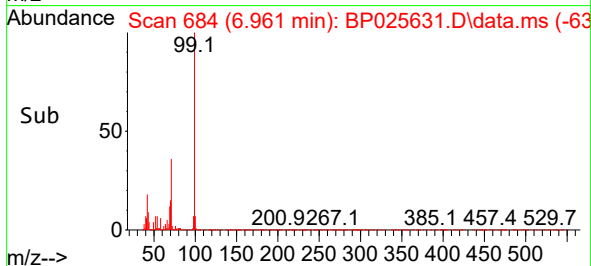
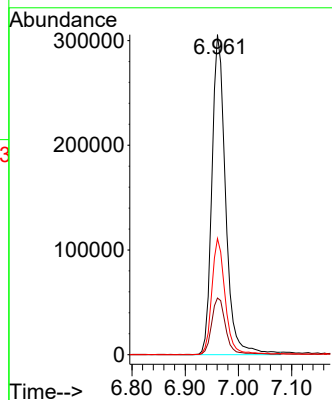
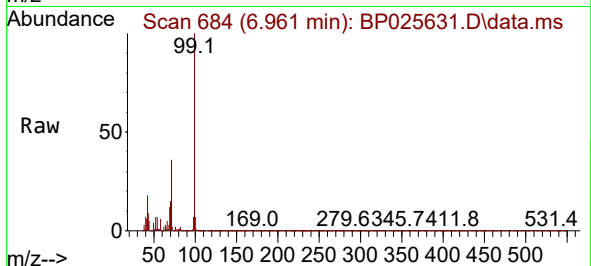




#7
Phenol-d6
Concen: 47.767 ng
RT: 6.961 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025631.D
Acq: 29 Aug 2025 18:48

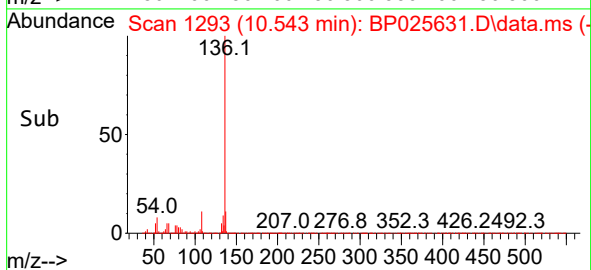
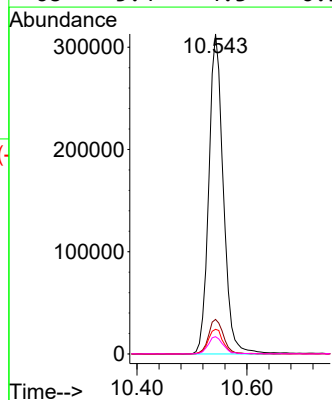
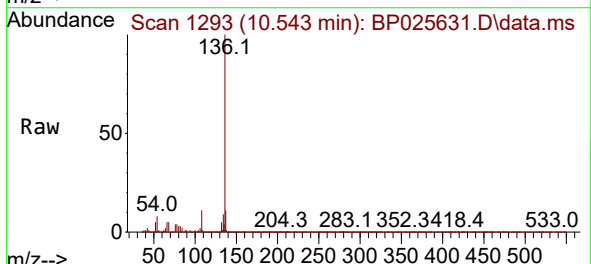
Instrument :
BNA_P
ClientSampleId :
PAD

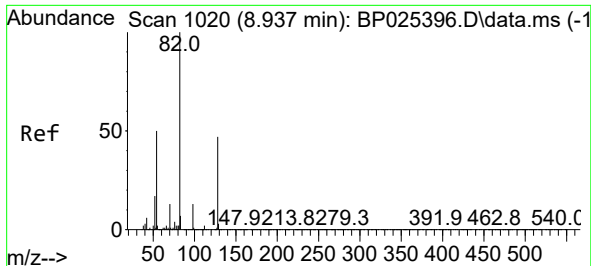
Tgt Ion: 99 Resp: 546538
Ion Ratio Lower Upper
99 100
42 17.7 13.7 20.5
71 36.3 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.017 min
Lab File: BP025631.D
Acq: 29 Aug 2025 18:48

Tgt Ion: 136 Resp: 573752
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 7.7 6.0 9.0
68 5.4 4.3 6.5

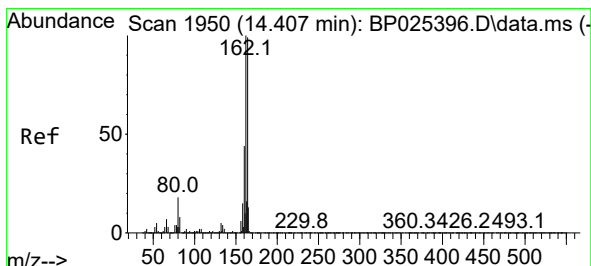
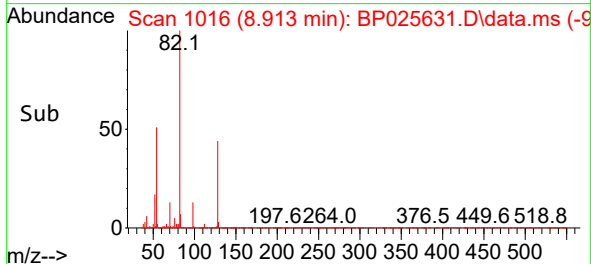
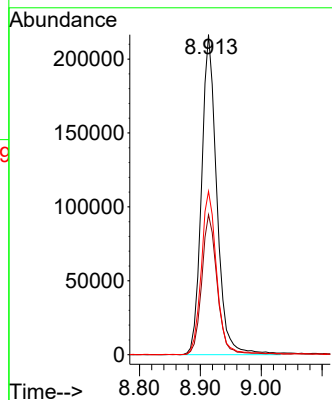
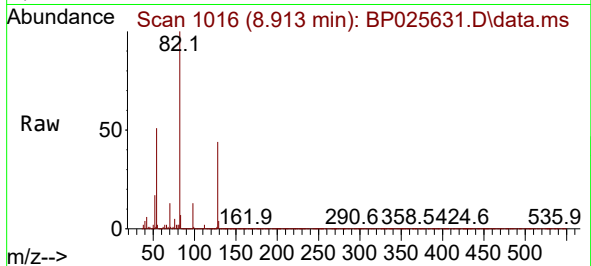




#23
Nitrobenzene-d5
Concen: 33.394 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.023 min
Lab File: BP025631.D
Acq: 29 Aug 2025 18:48

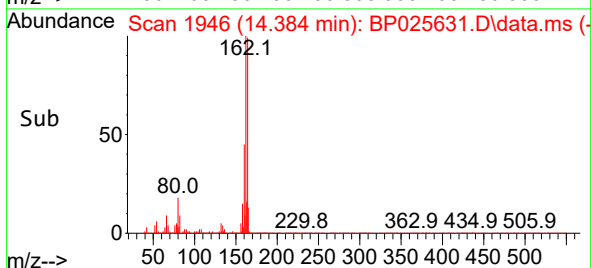
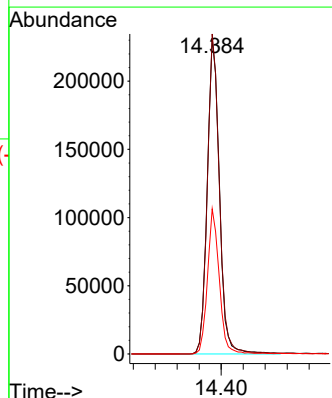
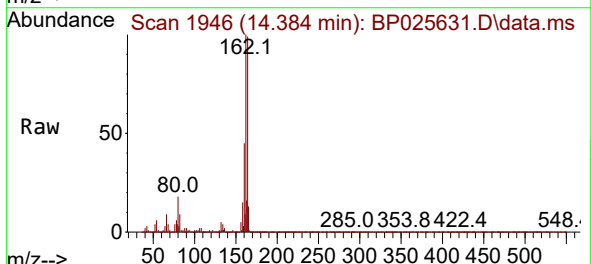
Instrument :
BNA_P
ClientSampleId :
PAD

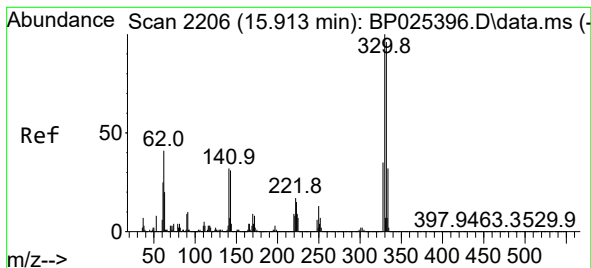
Tgt Ion: 82 Resp: 378759
Ion Ratio Lower Upper
82 100
128 43.7 37.7 56.5
54 51.1 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.384 min Scan# 1946
Delta R.T. -0.023 min
Lab File: BP025631.D
Acq: 29 Aug 2025 18:48

Tgt Ion:164 Resp: 355933
Ion Ratio Lower Upper
164 100
162 101.3 81.0 121.6
160 45.9 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 48.581 ng

RT: 15.901 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025631.D

Acq: 29 Aug 2025 18:48

Instrument :

BNA_P

ClientSampleId :

PAD

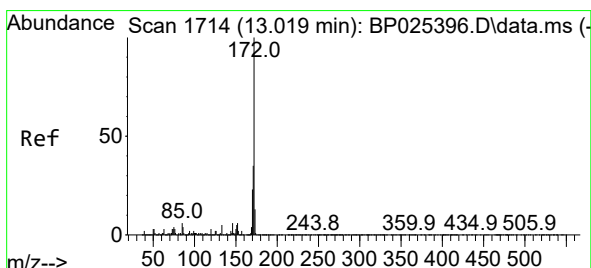
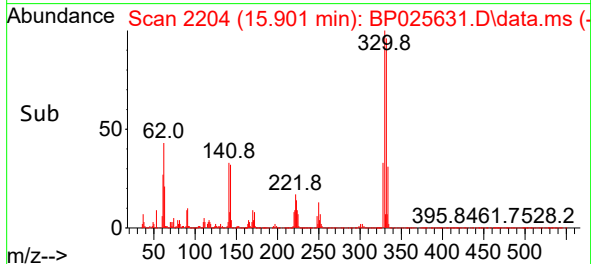
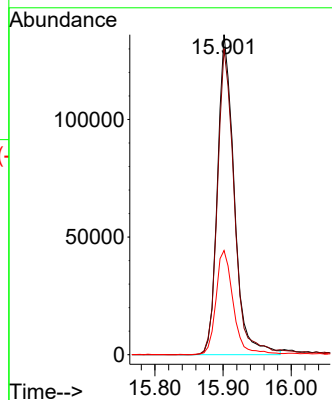
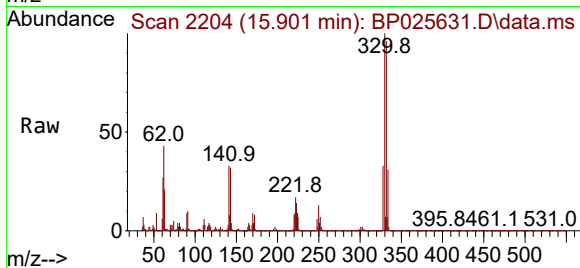
Tgt Ion:330 Resp: 232747

Ion Ratio Lower Upper

330 100

332 97.8 77.3 115.9

141 33.8 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 34.627 ng

RT: 12.996 min Scan# 1710

Delta R.T. -0.023 min

Lab File: BP025631.D

Acq: 29 Aug 2025 18:48

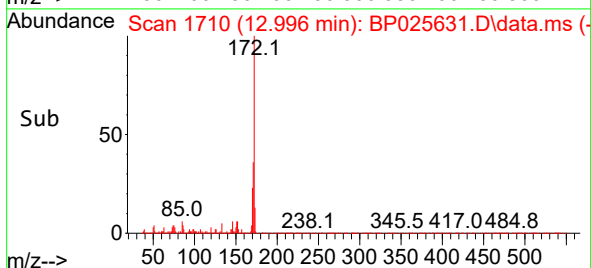
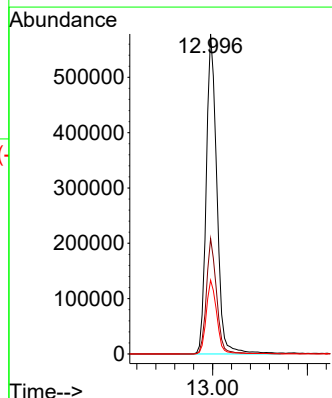
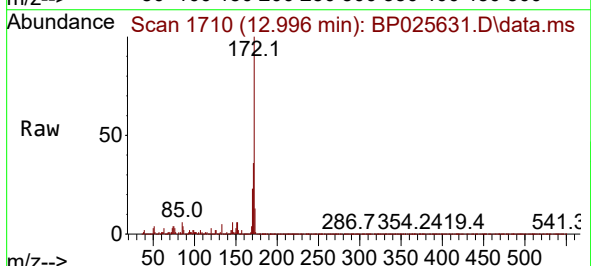
Tgt Ion:172 Resp: 901813

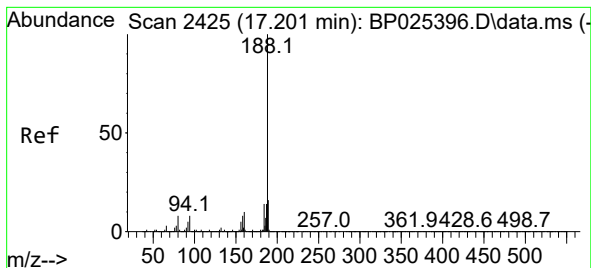
Ion Ratio Lower Upper

172 100

171 36.1 28.1 42.1

170 23.0 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.184 min Scan# 2422

Delta R.T. -0.017 min

Lab File: BP025631.D

Acq: 29 Aug 2025 18:48

Instrument :

BNA_P

ClientSampleId :

PAD

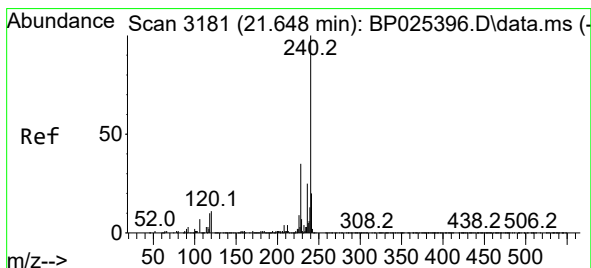
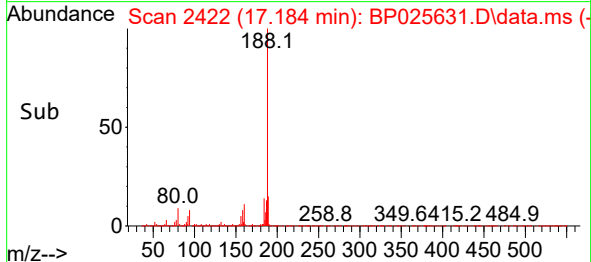
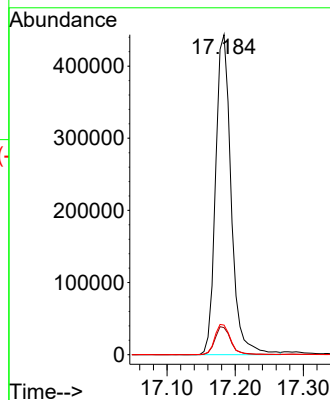
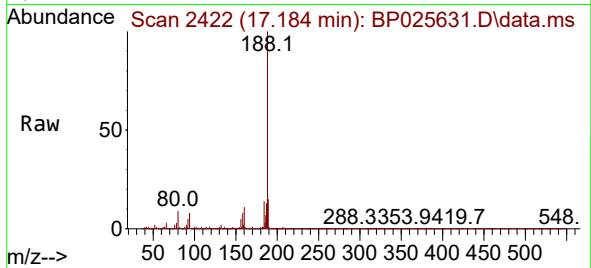
Tgt Ion:188 Resp: 705312

Ion Ratio Lower Upper

188 100

94 8.5 6.6 10.0

80 9.2 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.630 min Scan# 3178

Delta R.T. -0.017 min

Lab File: BP025631.D

Acq: 29 Aug 2025 18:48

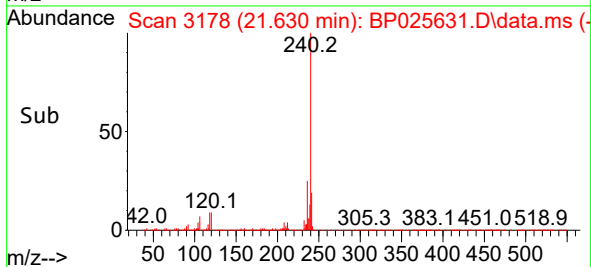
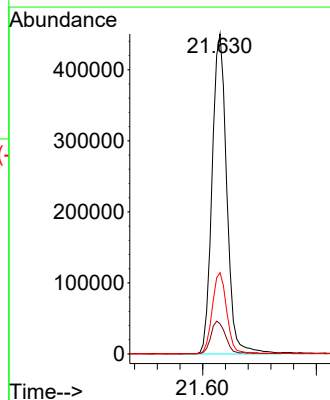
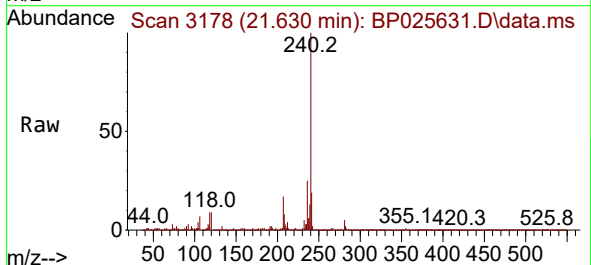
Tgt Ion:240 Resp: 803349

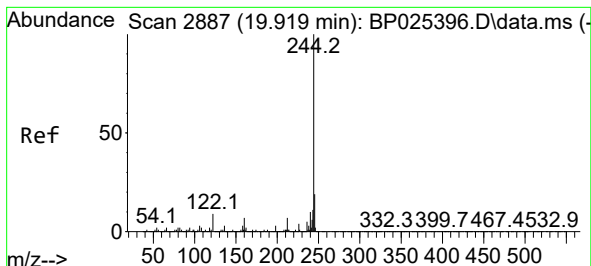
Ion Ratio Lower Upper

240 100

120 9.4 8.9 13.3

236 25.4 19.8 29.8





#79

Terphenyl-d14

Concen: 35.479 ng

RT: 19.901 min Scan# 21

Delta R.T. -0.017 min

Lab File: BP025631.D

Acq: 29 Aug 2025 18:48

Instrument :

BNA_P

ClientSampleId :

PAD

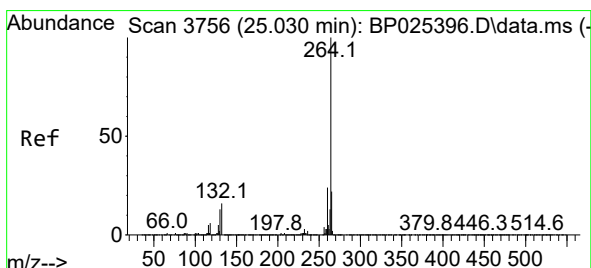
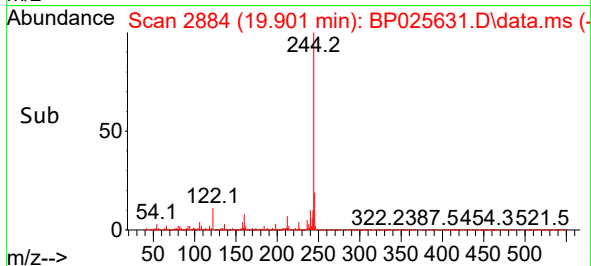
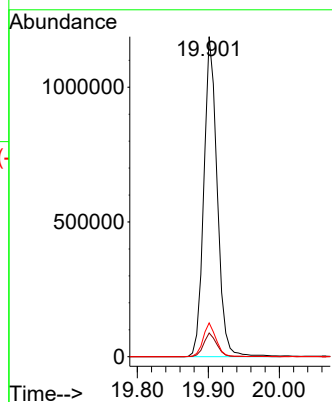
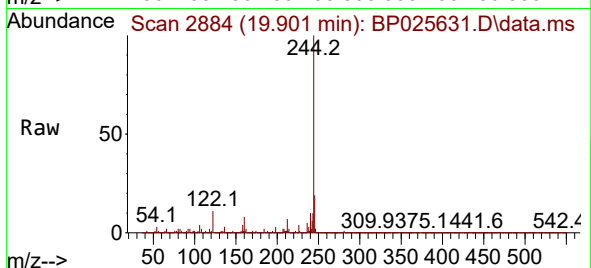
Tgt Ion:244 Resp: 1557841

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 10.6 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.007 min Scan# 3752

Delta R.T. -0.023 min

Lab File: BP025631.D

Acq: 29 Aug 2025 18:48

Tgt Ion:264 Resp: 936545

Ion Ratio Lower Upper

264 100

260 23.4 19.3 28.9

265 21.9 17.4 26.0

