

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025401.D
 Acq On : 14 Aug 2025 19:28
 Operator : CG/JU
 Sample : PB169200TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169200TB

Quant Time: Aug 15 01:37:32 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	7.796	152	157919	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	617181	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	399736	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	856299	20.000	ng	0.00
76) Chrysene-d12	21.648	240	952197	20.000	ng	0.00
86) Perylene-d12	25.013	264	1048788	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	1221439	128.448	ng	0.00
7) Phenol-d6	6.972	99	1523184	124.937	ng	0.00
23) Nitrobenzene-d5	8.931	82	964822	79.079	ng	0.00
42) 2,4,6-Tribromophenol	15.919	330	705759	131.170	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	2310930	79.010	ng	0.00
79) Terphenyl-d14	19.936	244	4132688	79.406	ng	0.02

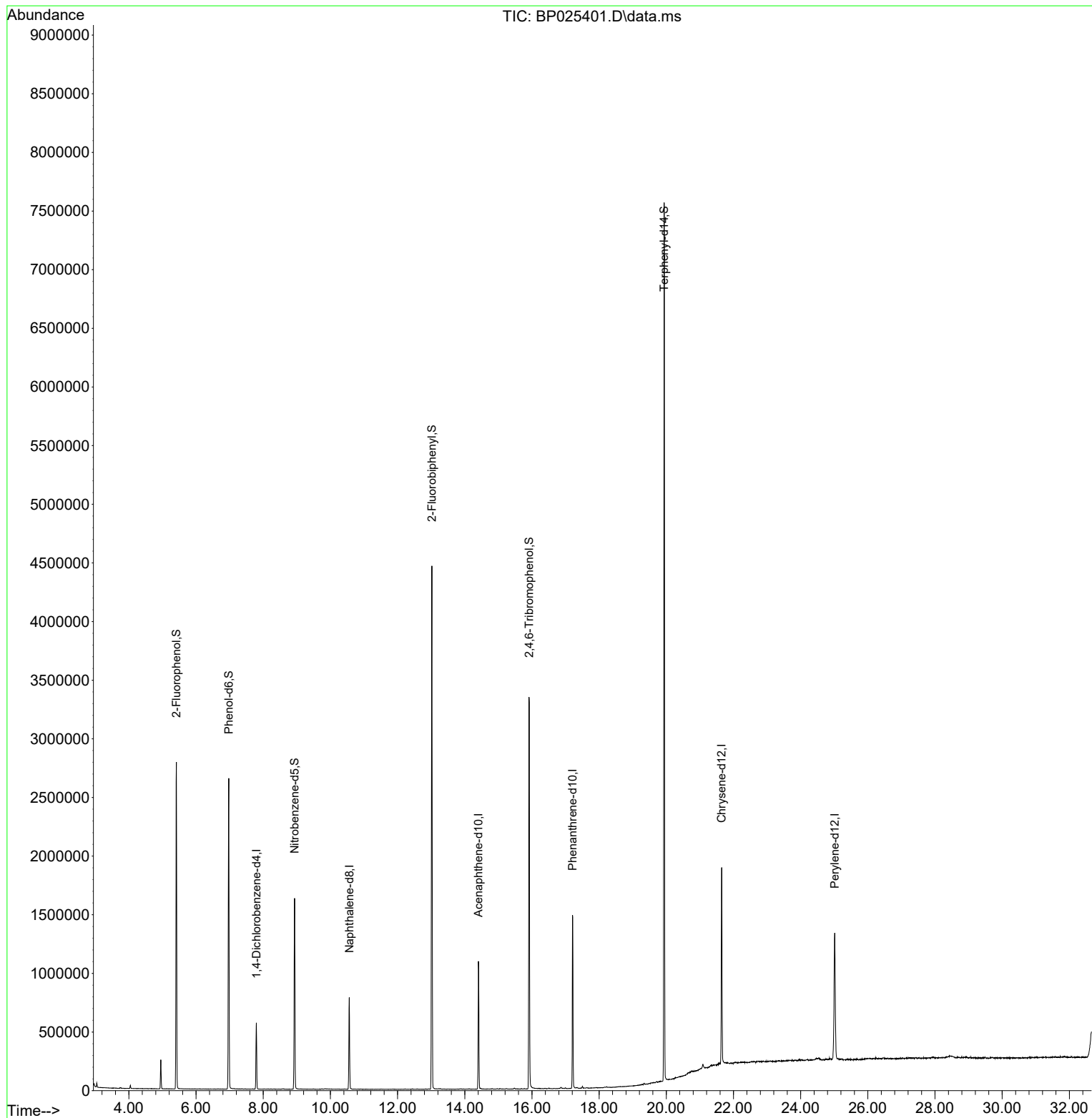
Target Compounds	Qvalue

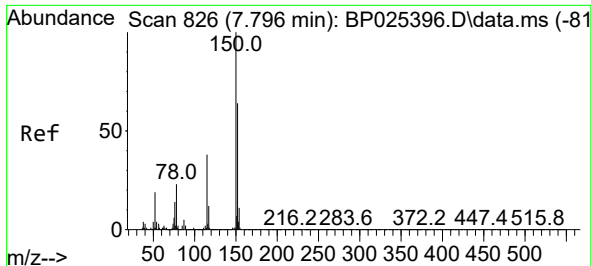
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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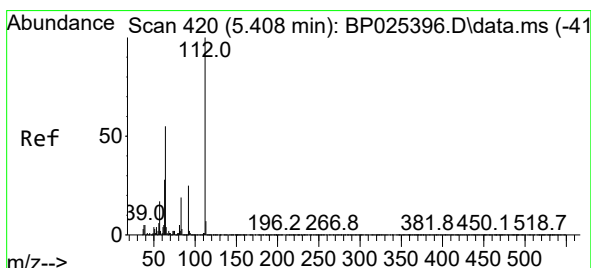
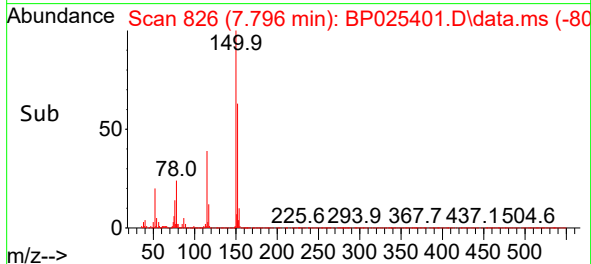
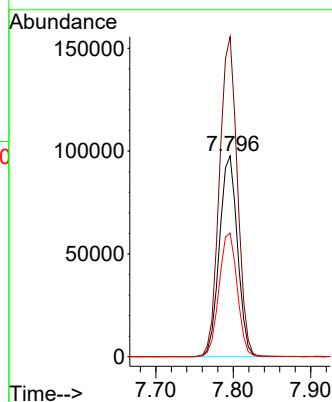
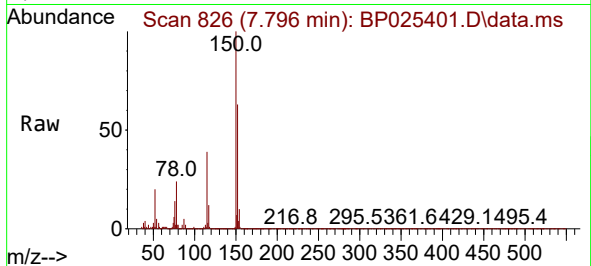




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.796 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP025401.D
Acq: 14 Aug 2025 19:28

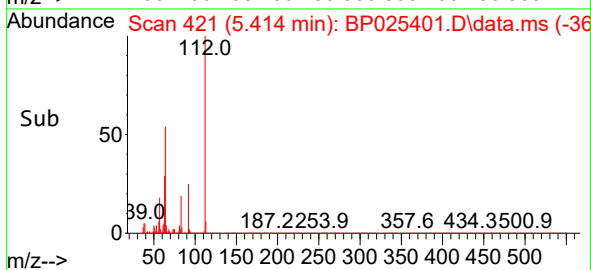
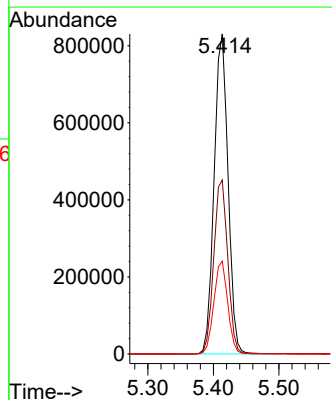
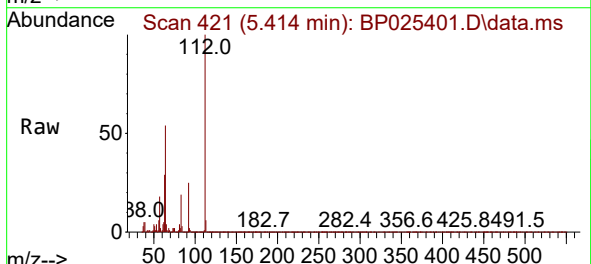
Instrument :
BNA_P
ClientSampleId :
PB169200TB

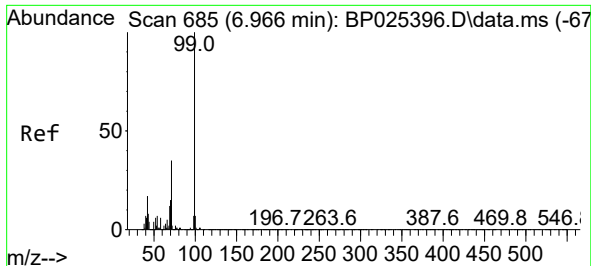
Tgt Ion:152 Resp: 157919
Ion Ratio Lower Upper
152 100
150 159.5 125.9 188.9
115 61.7 48.5 72.7



#5
2-Fluorophenol
Concen: 128.448 ng
RT: 5.414 min Scan# 421
Delta R.T. 0.006 min
Lab File: BP025401.D
Acq: 14 Aug 2025 19:28

Tgt Ion:112 Resp: 1221439
Ion Ratio Lower Upper
112 100
64 54.4 43.8 65.8
63 29.0 22.7 34.1

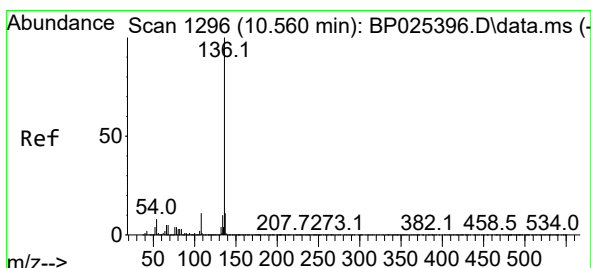
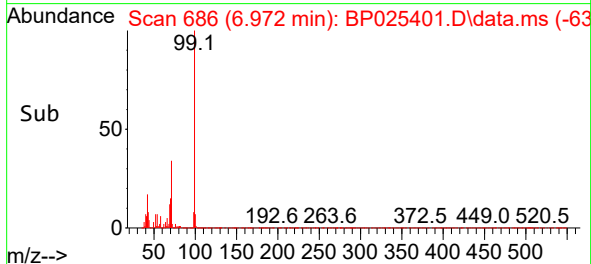
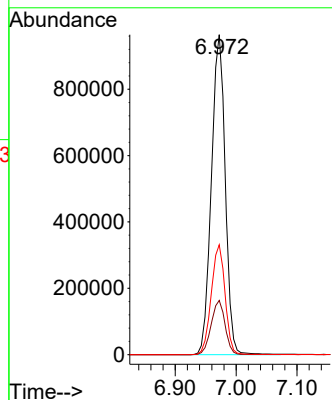
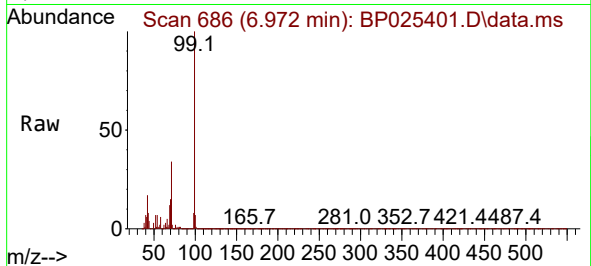




#7
Phenol-d6
Concen: 124.937 ng
RT: 6.972 min Scan# 686
Delta R.T. 0.006 min
Lab File: BP025401.D
Acq: 14 Aug 2025 19:28

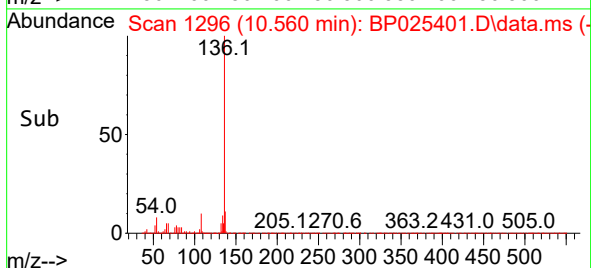
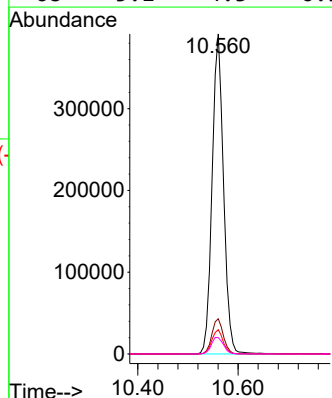
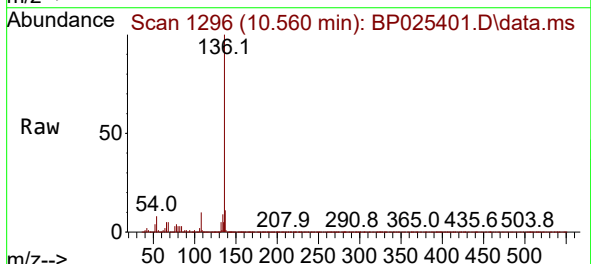
Instrument :
BNA_P
ClientSampleId :
PB169200TB

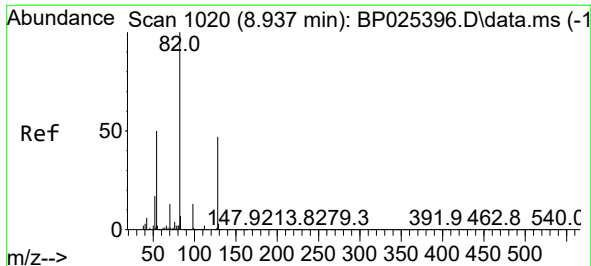
Tgt Ion: 99 Resp: 1523184
Ion Ratio Lower Upper
99 100
42 17.0 13.7 20.5
71 34.4 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP025401.D
Acq: 14 Aug 2025 19:28

Tgt Ion: 136 Resp: 617181
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 7.6 6.0 9.0
68 5.1 4.3 6.5

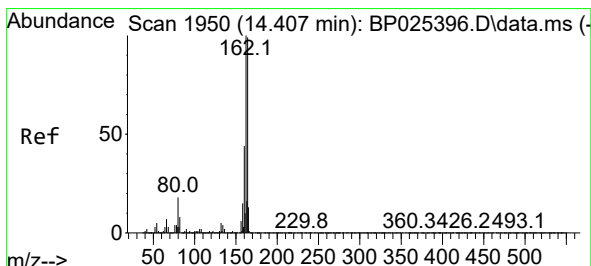
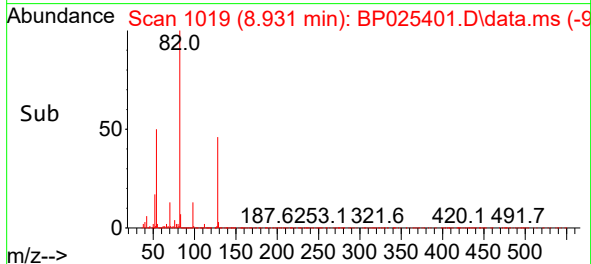
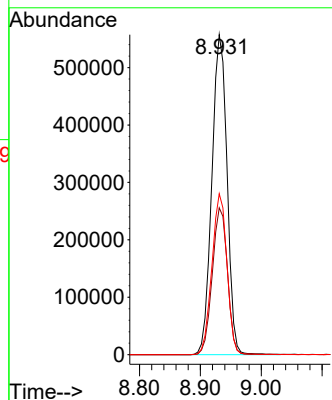
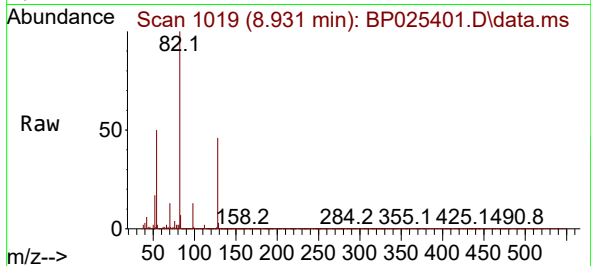




#23
Nitrobenzene-d5
Concen: 79.079 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025401.D
Acq: 14 Aug 2025 19:28

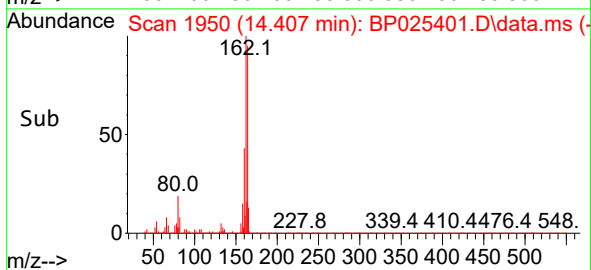
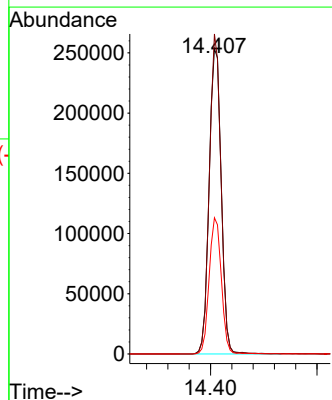
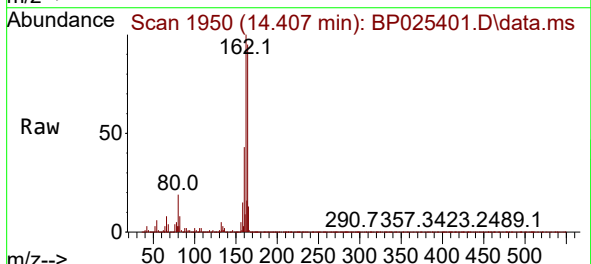
Instrument :
BNA_P
ClientSampleId :
PB169200TB

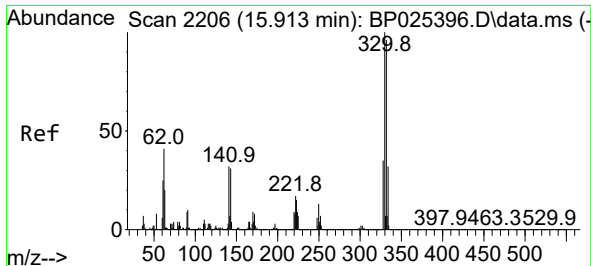
Tgt Ion: 82 Resp: 964822
Ion Ratio Lower Upper
82 100
128 45.9 37.7 56.5
54 50.3 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BP025401.D
Acq: 14 Aug 2025 19:28

Tgt Ion:164 Resp: 399736
Ion Ratio Lower Upper
164 100
162 104.9 81.0 121.6
160 44.6 35.4 53.2

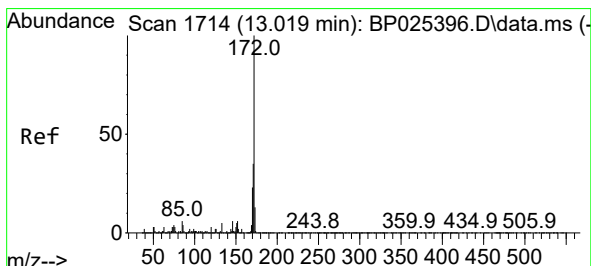
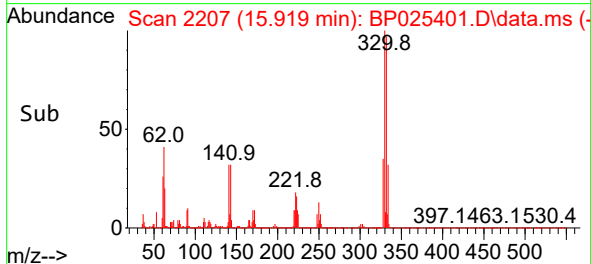
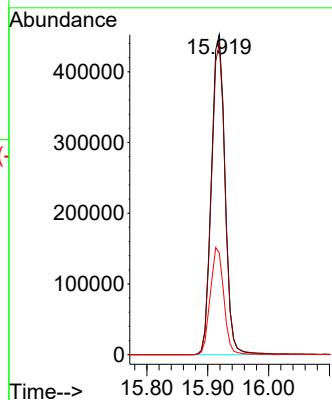
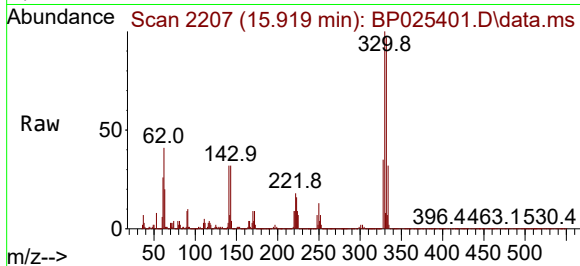




#42
2,4,6-Tribromophenol
Concen: 131.170 ng
RT: 15.919 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025401.D
Acq: 14 Aug 2025 19:28

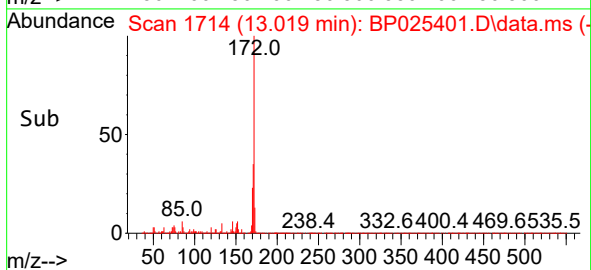
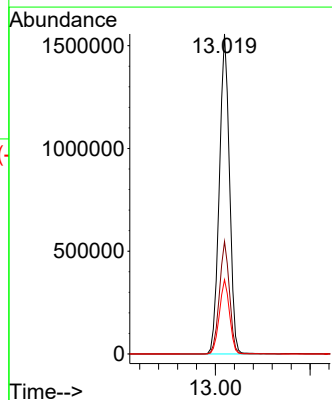
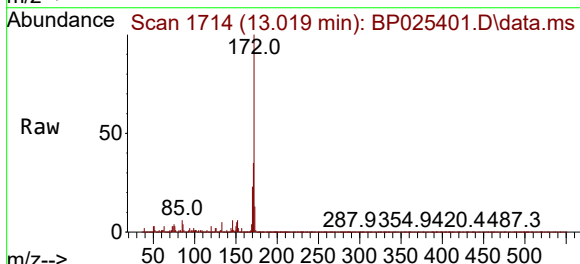
Instrument :
BNA_P
ClientSampleId :
PB169200TB

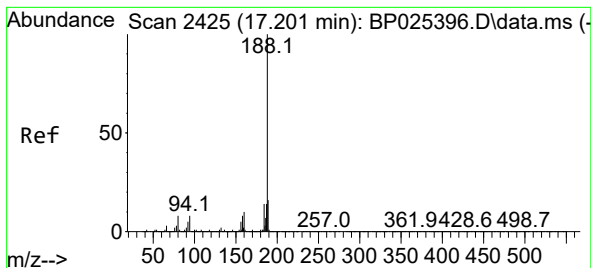
Tgt Ion:330 Resp: 705759
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 33.2 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 79.010 ng
RT: 13.019 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP025401.D
Acq: 14 Aug 2025 19:28

Tgt Ion:172 Resp: 2310930
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.2 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.207 min Scan# 2425

Delta R.T. 0.006 min

Lab File: BP025401.D

Acq: 14 Aug 2025 19:28

Instrument :

BNA_P

ClientSampleId :

PB169200TB

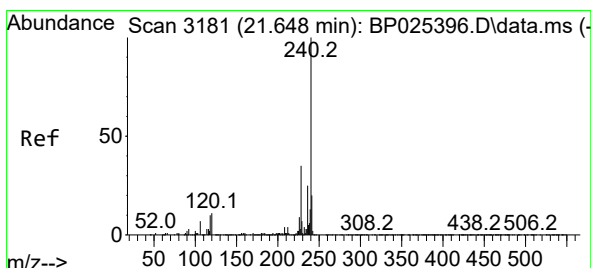
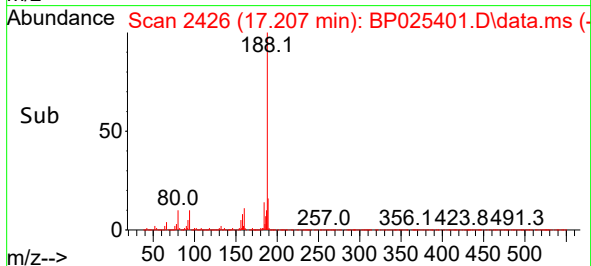
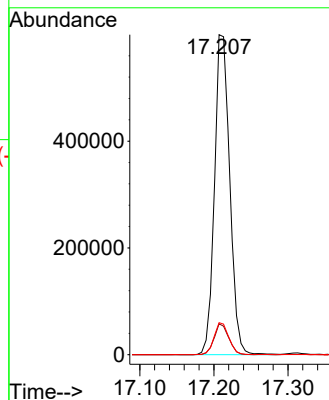
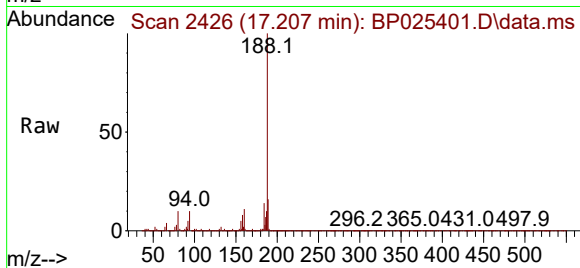
Tgt Ion:188 Resp: 856299

Ion Ratio Lower Upper

188 100

94 9.6 6.6 10.0

80 10.0 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: BP025401.D

Acq: 14 Aug 2025 19:28

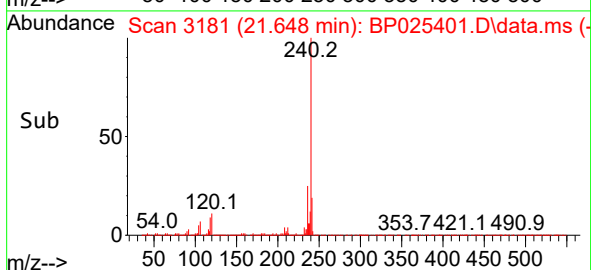
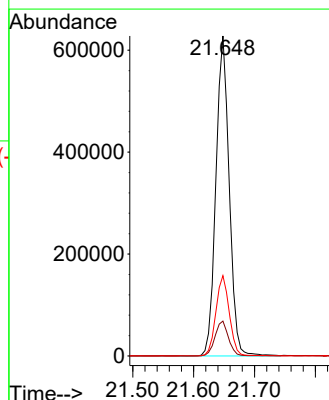
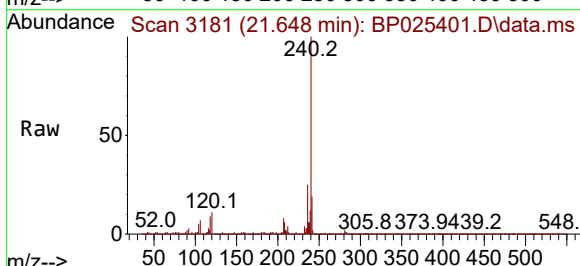
Tgt Ion:240 Resp: 952197

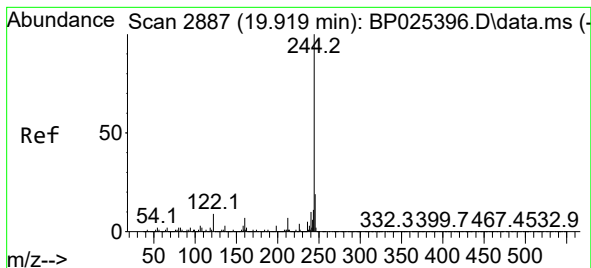
Ion Ratio Lower Upper

240 100

120 10.9 8.9 13.3

236 25.1 19.8 29.8





#79

Terphenyl-d14

Concen: 79.406 ng

RT: 19.936 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP025401.D

Acq: 14 Aug 2025 19:28

Instrument :

BNA_P

ClientSampleId :

PB169200TB

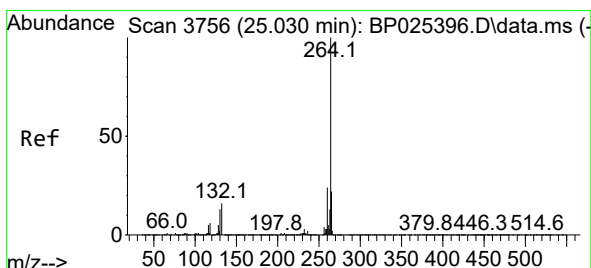
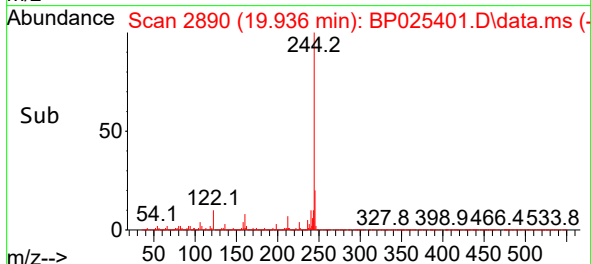
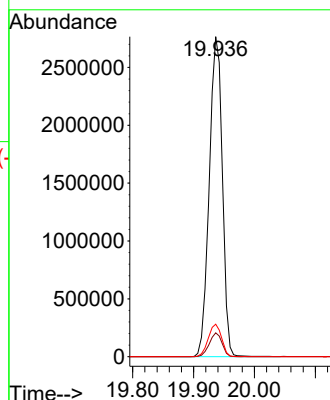
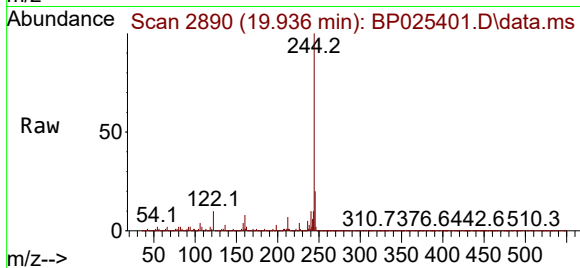
Tgt Ion:244 Resp: 4132688

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 10.2 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: BP025401.D

Acq: 14 Aug 2025 19:28

Tgt Ion:264 Resp: 1048788

Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 22.5 17.4 26.0

