

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
 Data File : BP025644.D
 Acq On : 02 Sep 2025 19:00
 Operator : CG/JU
 Sample : Q2995-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RT5427

Quant Time: Sep 03 01:03:46 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	138074	20.000	ng	-0.02
21) Naphthalene-d8	10.542	136	523672	20.000	ng	-0.02
39) Acenaphthene-d10	14.395	164	333196	20.000	ng	-0.01
64) Phenanthrene-d10	17.189	188	669977	20.000	ng	-0.01
76) Chrysene-d12	21.630	240	765747	20.000	ng	-0.02
86) Perylene-d12	25.006	264	870409	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.401	112	1157381	139.205	ng	0.00
7) Phenol-d6	6.960	99	1315099	123.373	ng	0.00
23) Nitrobenzene-d5	8.913	82	1004887	97.070	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	714867	159.396	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	2181189	89.467	ng	-0.02
79) Terphenyl-d14	19.912	244	4001845	95.615	ng	0.00

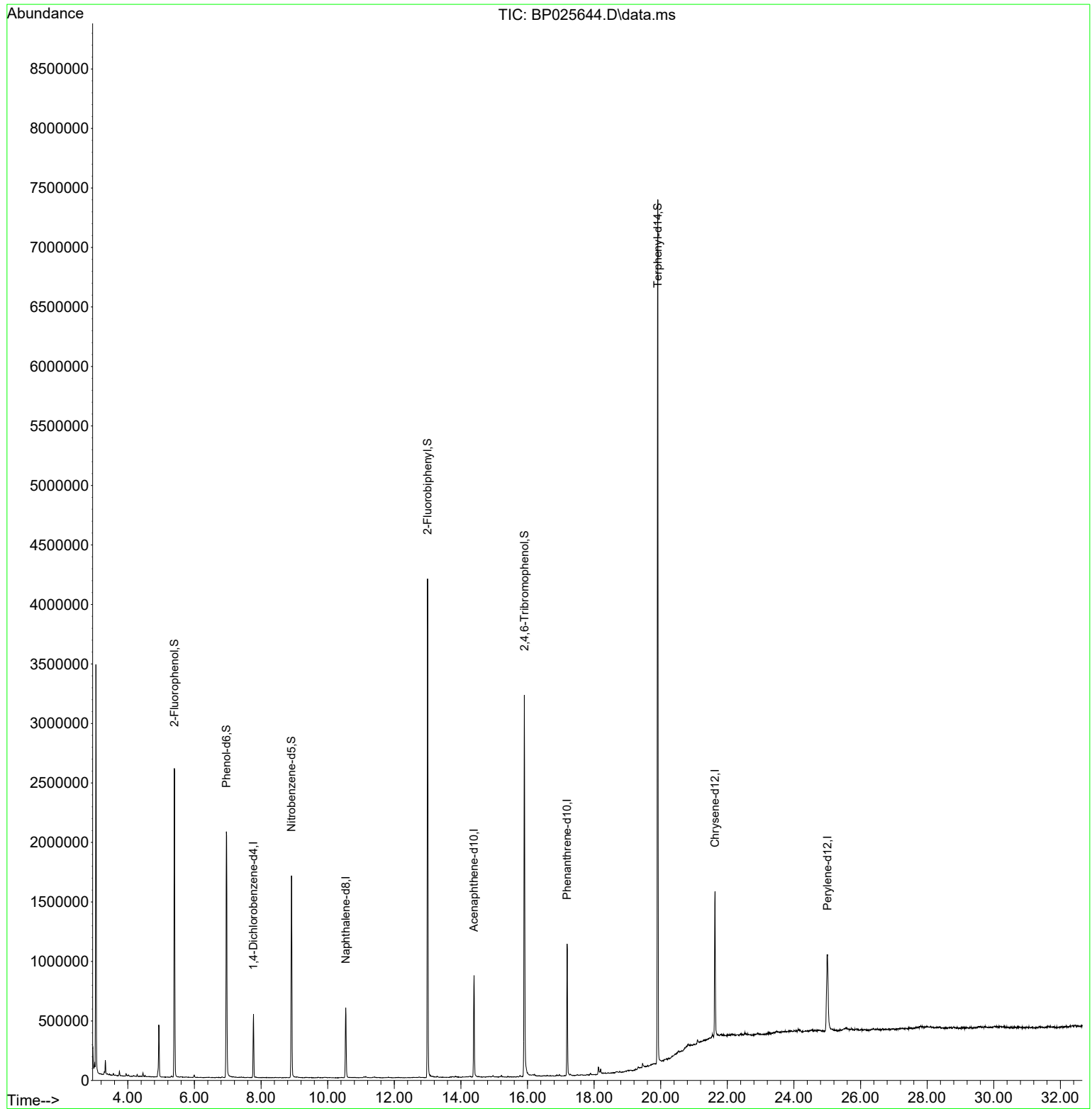
Target Compounds	Qvalue

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

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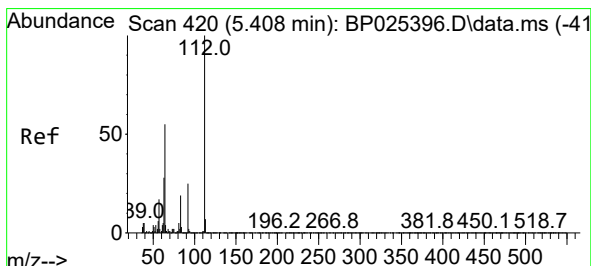
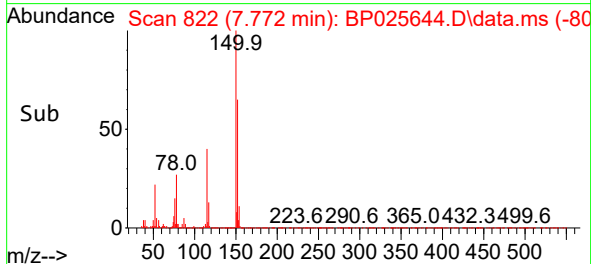
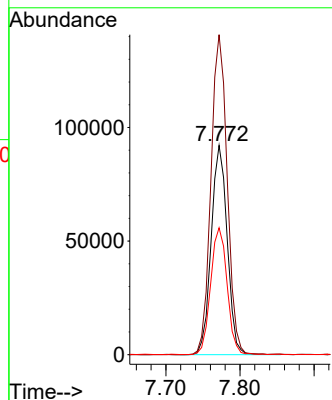
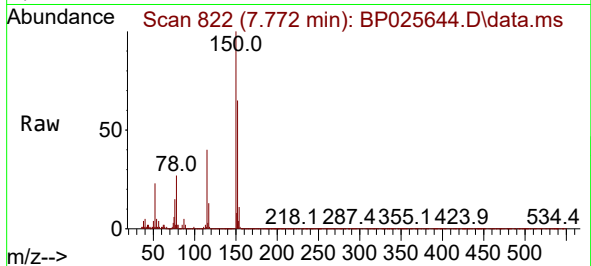




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 81
Delta R.T. -0.024 min
Lab File: BP025644.D
Acq: 02 Sep 2025 19:00

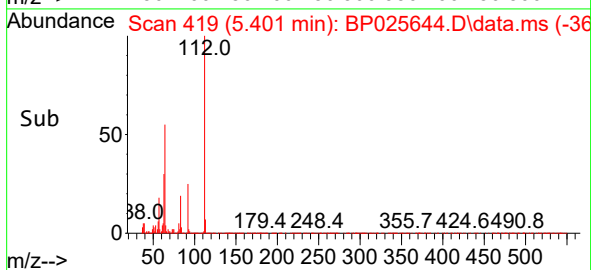
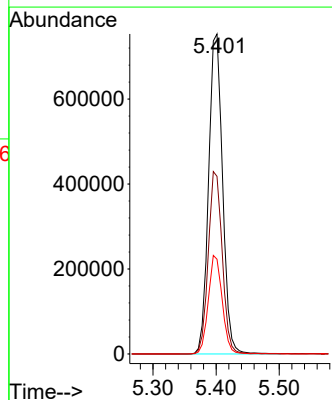
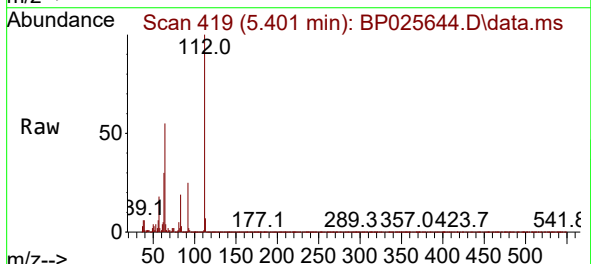
Instrument :
BNA_P
ClientSampleId :
RT5427

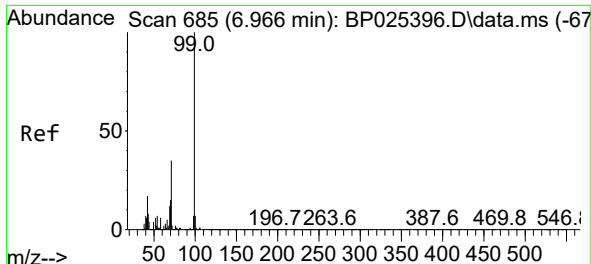
Tgt Ion:152 Resp: 138074
Ion Ratio Lower Upper
152 100
150 152.9 125.9 188.9
115 60.6 48.5 72.7



#5
2-Fluorophenol
Concen: 139.205 ng
RT: 5.401 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025644.D
Acq: 02 Sep 2025 19:00

Tgt Ion:112 Resp: 1157381
Ion Ratio Lower Upper
112 100
64 55.5 43.8 65.8
63 29.6 22.7 34.1

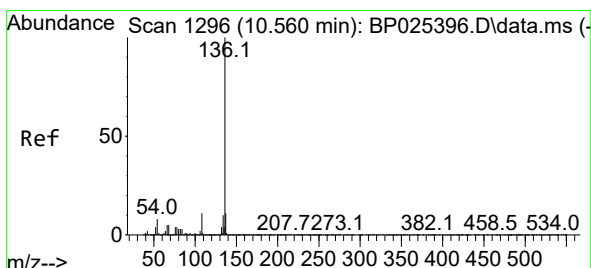
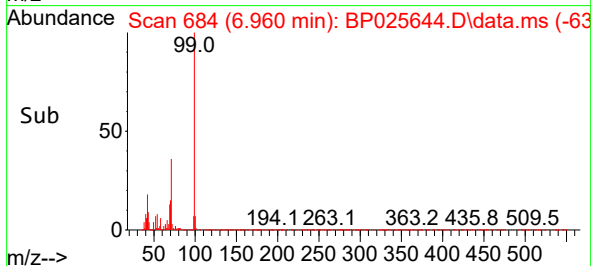
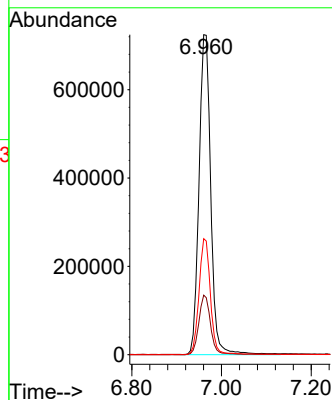
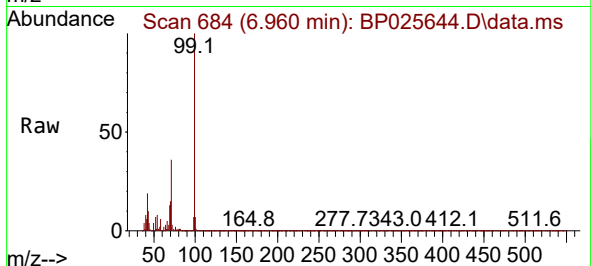




#7
Phenol-d6
Concen: 123.373 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025644.D
Acq: 02 Sep 2025 19:00

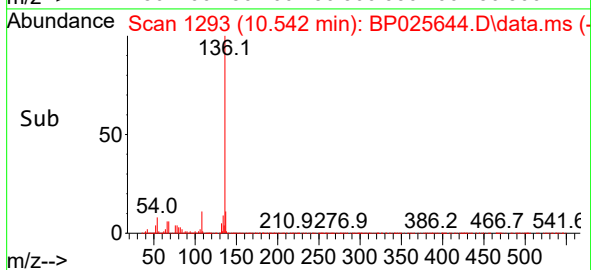
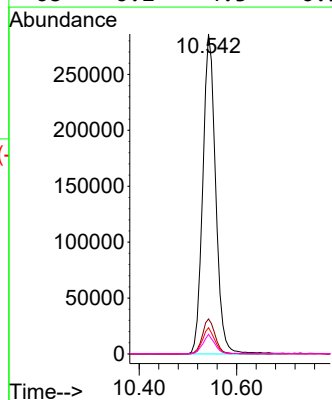
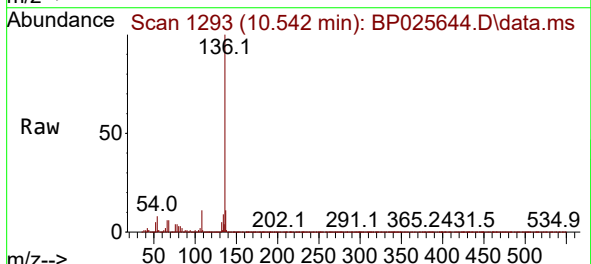
Instrument :
BNA_P
ClientSampleId :
RT5427

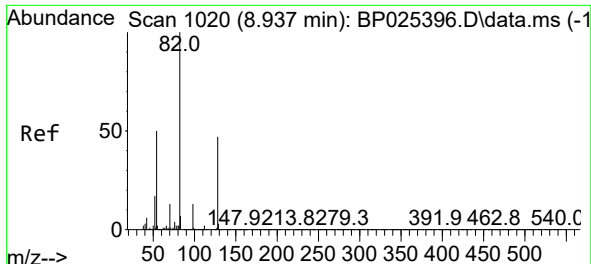
Tgt Ion: 99 Resp: 1315099
Ion Ratio Lower Upper
99 100
42 18.6 13.7 20.5
71 36.3 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.542 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025644.D
Acq: 02 Sep 2025 19:00

Tgt Ion: 136 Resp: 523672
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 8.2 6.0 9.0
68 6.2 4.3 6.5





#23

Nitrobenzene-d5

Concen: 97.070 ng

RT: 8.913 min Scan# 1016

Delta R.T. -0.024 min

Lab File: BP025644.D

Acq: 02 Sep 2025 19:00

Instrument :

BNA_P

ClientSampleId :

RT5427

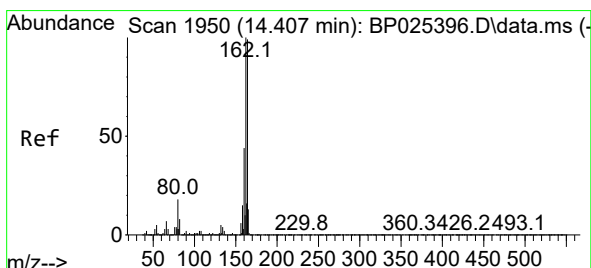
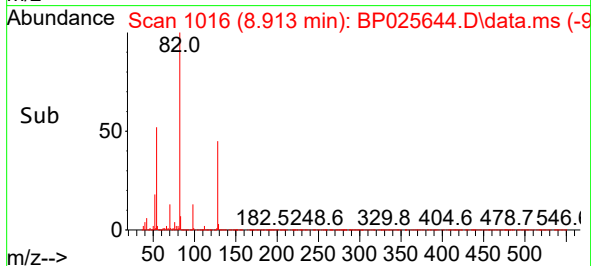
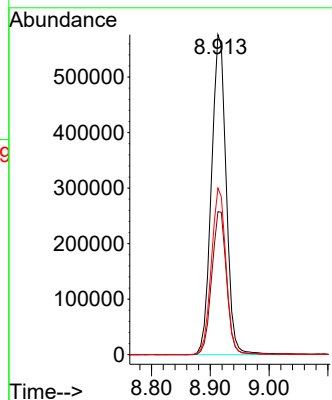
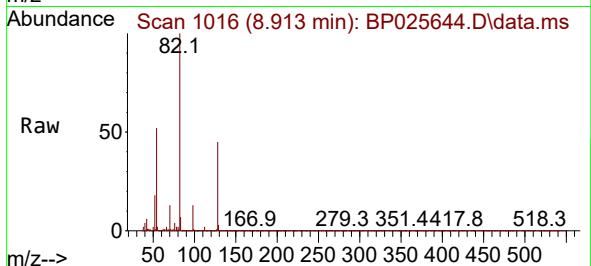
Tgt Ion: 82 Resp: 1004887

Ion Ratio Lower Upper

82 100

128 44.7 37.7 56.5

54 52.0 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.395 min Scan# 1948

Delta R.T. -0.012 min

Lab File: BP025644.D

Acq: 02 Sep 2025 19:00

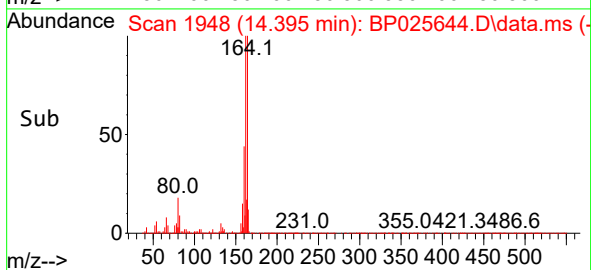
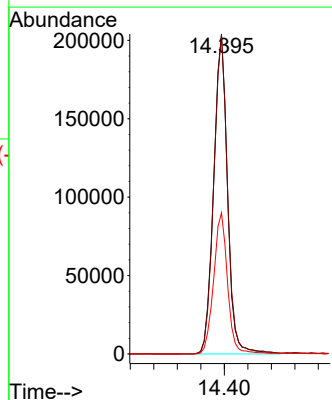
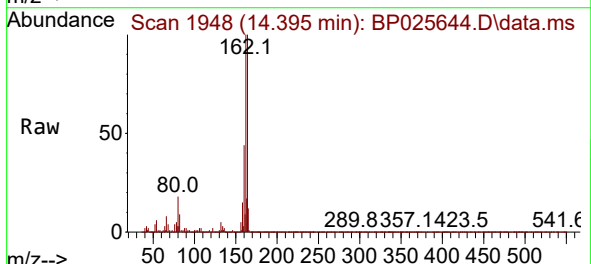
Tgt Ion:164 Resp: 333196

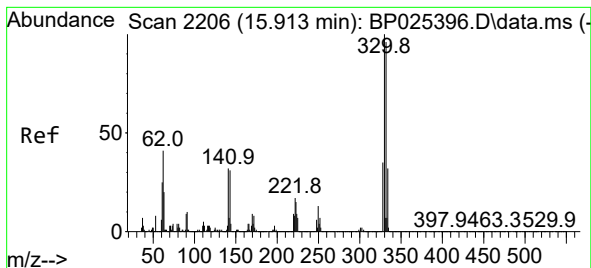
Ion Ratio Lower Upper

164 100

162 99.7 81.0 121.6

160 44.1 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 159.396 ng

RT: 15.907 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025644.D

Acq: 02 Sep 2025 19:00

Instrument :

BNA_P

ClientSampleId :

RT5427

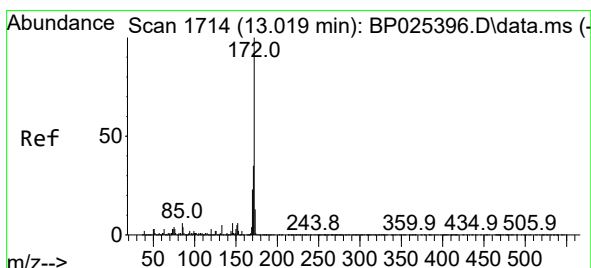
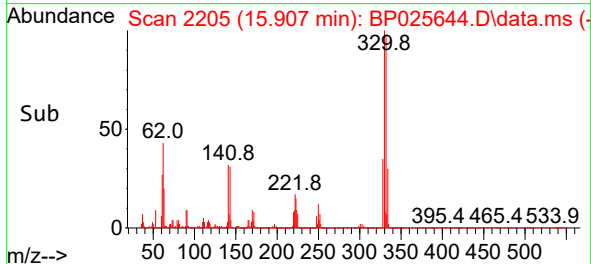
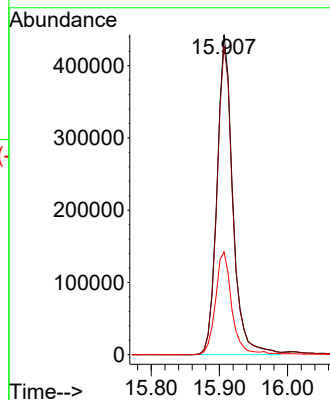
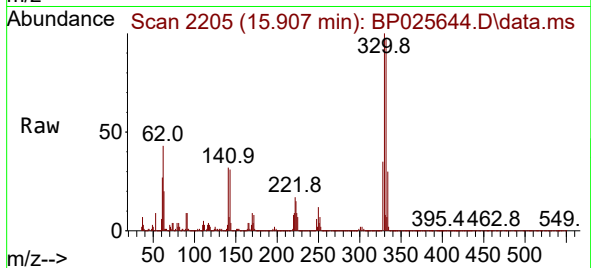
Tgt Ion:330 Resp: 714867

Ion Ratio Lower Upper

330 100

332 97.8 77.3 115.9

141 33.4 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 89.467 ng

RT: 13.001 min Scan# 1711

Delta R.T. -0.018 min

Lab File: BP025644.D

Acq: 02 Sep 2025 19:00

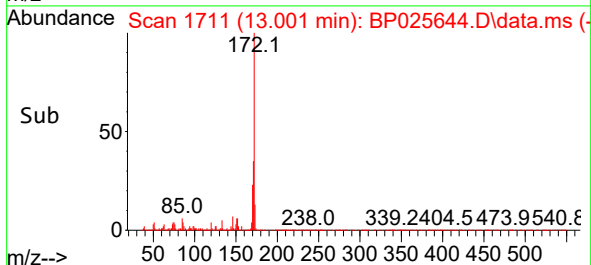
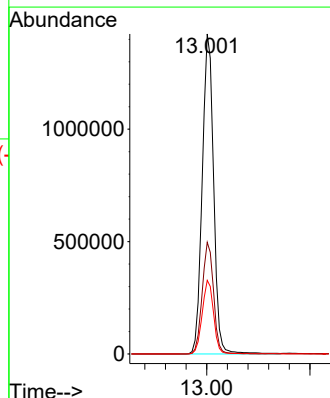
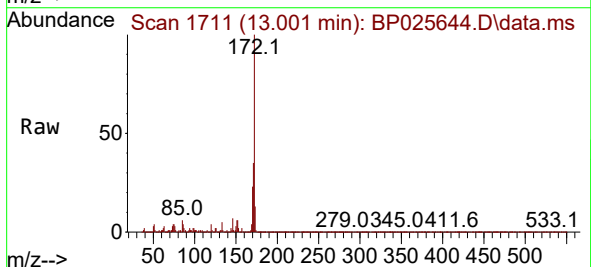
Tgt Ion:172 Resp: 2181189

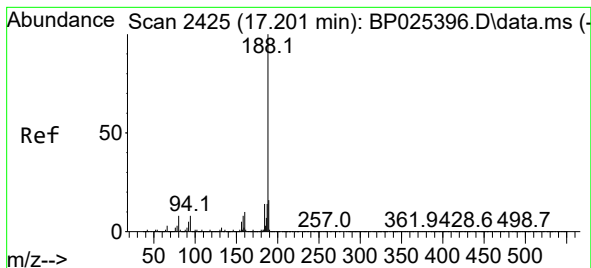
Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 23.0 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.189 min Scan# 2425

Delta R.T. -0.012 min

Lab File: BP025644.D

Acq: 02 Sep 2025 19:00

Instrument :

BNA_P

ClientSampleId :

RT5427

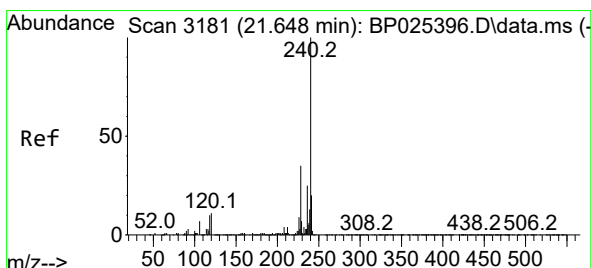
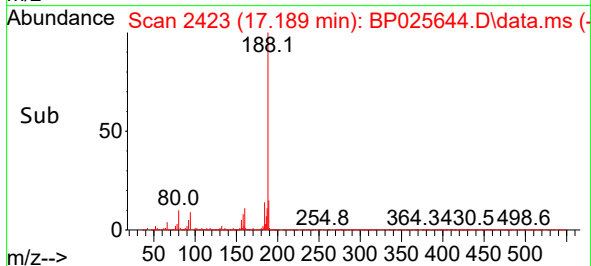
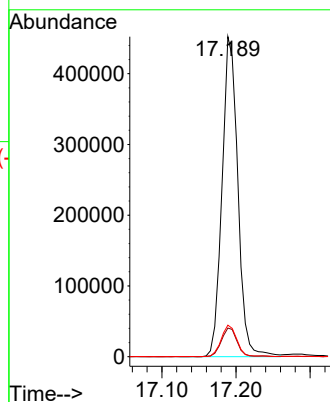
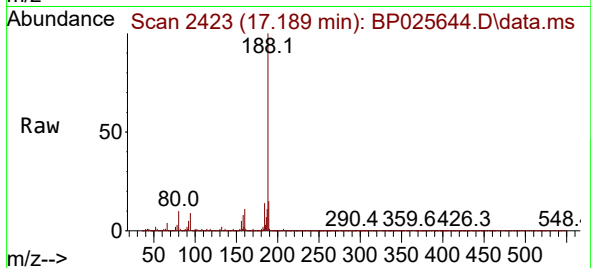
Tgt Ion:188 Resp: 669977

Ion Ratio Lower Upper

188 100

94 9.0 6.6 10.0

80 9.9 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.630 min Scan# 3178

Delta R.T. -0.018 min

Lab File: BP025644.D

Acq: 02 Sep 2025 19:00

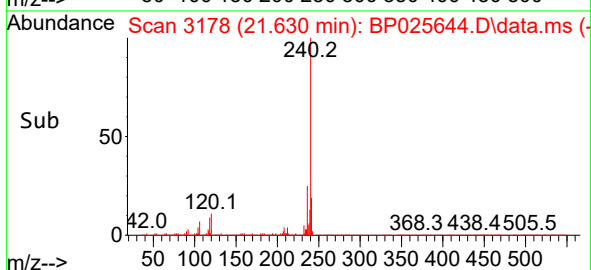
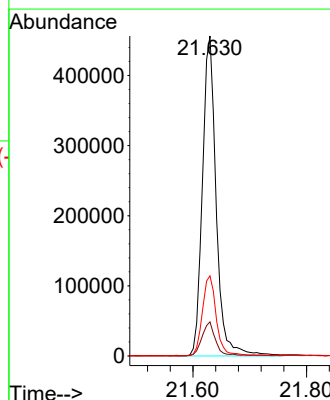
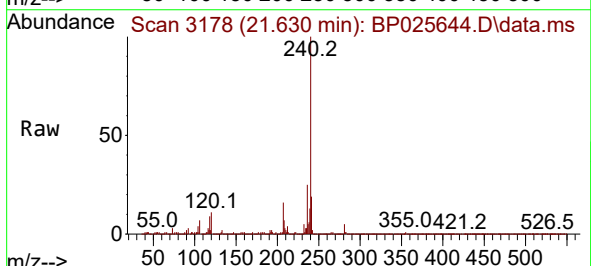
Tgt Ion:240 Resp: 765747

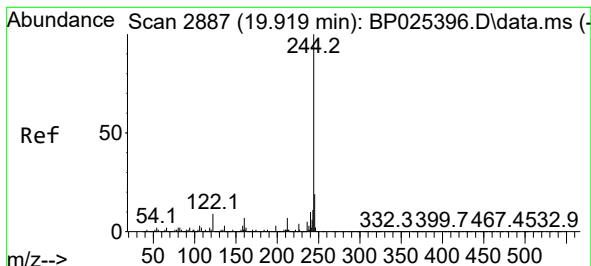
Ion Ratio Lower Upper

240 100

120 10.6 8.9 13.3

236 25.1 19.8 29.8





#79

Terphenyl-d14

Concen: 95.615 ng

RT: 19.912 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025644.D

Acq: 02 Sep 2025 19:00

Instrument :

BNA_P

ClientSampleId :

RT5427

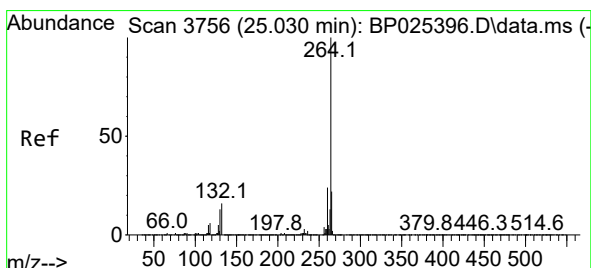
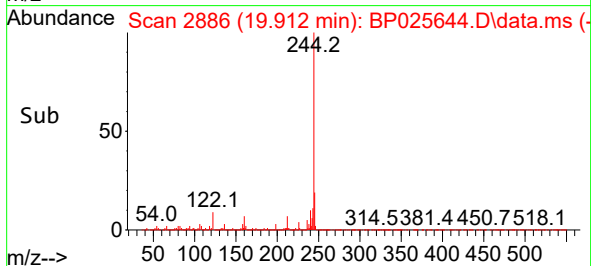
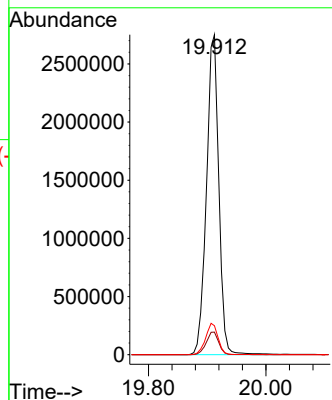
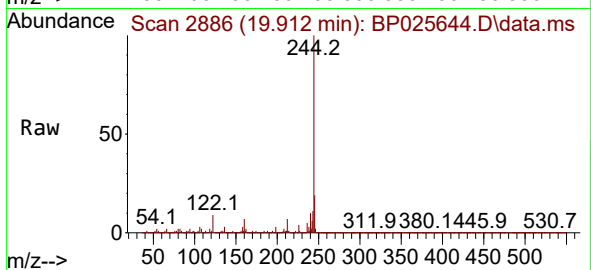
Tgt Ion:244 Resp: 4001845

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 9.0 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.006 min Scan# 3752

Delta R.T. -0.024 min

Lab File: BP025644.D

Acq: 02 Sep 2025 19:00

Tgt Ion:264 Resp: 870409

Ion Ratio Lower Upper

264 100

260 22.8 19.3 28.9

265 22.3 17.4 26.0

