

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
 Data File : BP025453.D
 Acq On : 16 Aug 2025 10:11
 Operator : CG/JU
 Sample : Q2832-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TG-S04

Quant Time: Aug 18 01:44:02 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	7.790	152	141077	20.000	ng	0.00
21) Naphthalene-d8	10.554	136	575850	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	379729	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	826858	20.000	ng	-0.01
76) Chrysene-d12	21.630	240	871981	20.000	ng	-0.02
86) Perylene-d12	24.989	264	942630	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	979904	115.350	ng	0.00
7) Phenol-d6	6.966	99	1225077	112.482	ng	0.00
23) Nitrobenzene-d5	8.931	82	866535	76.121	ng	0.00
42) 2,4,6-Tribromophenol	15.907	330	638587	124.939	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	1982544	71.354	ng	0.00
79) Terphenyl-d14	19.924	244	3609359	75.731	ng	0.00

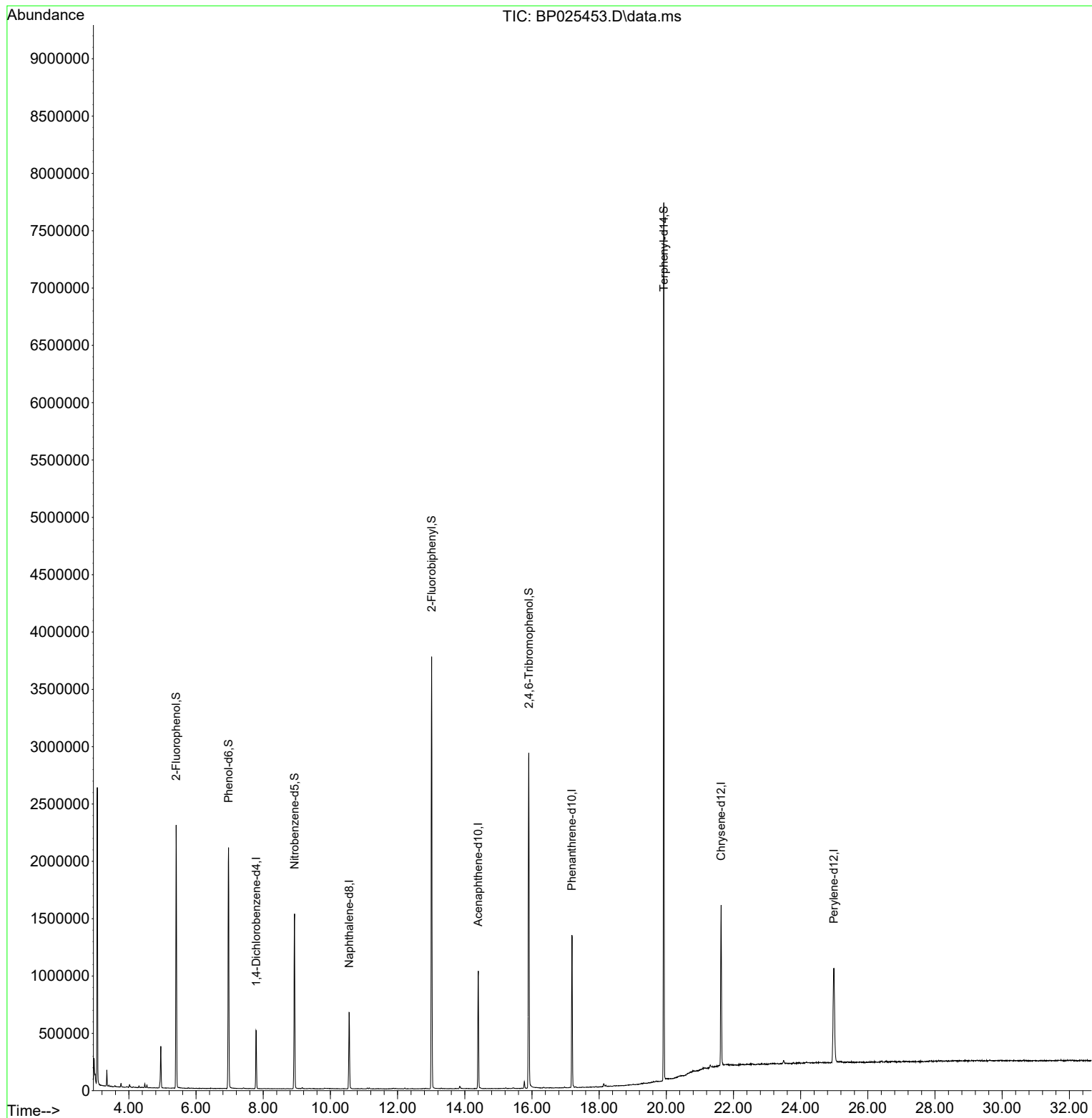
Target Compounds	Qvalue

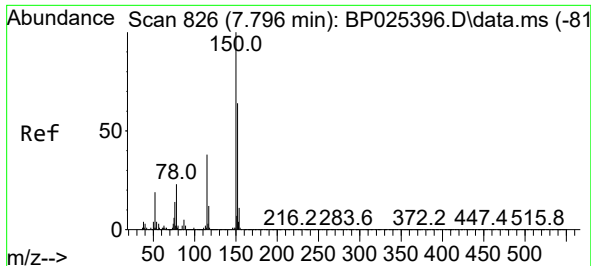
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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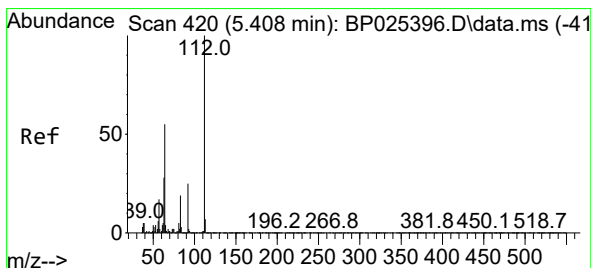
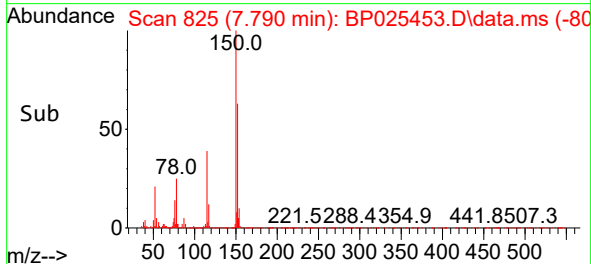
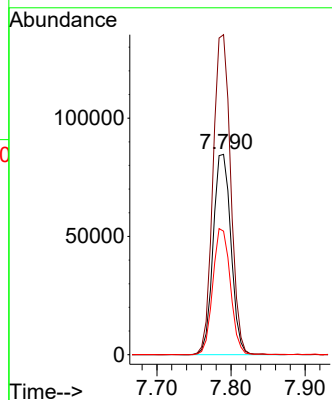
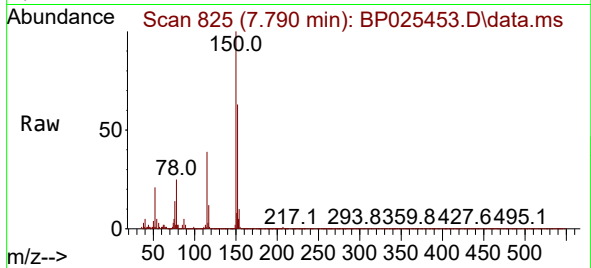




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025453.D
Acq: 16 Aug 2025 10:11

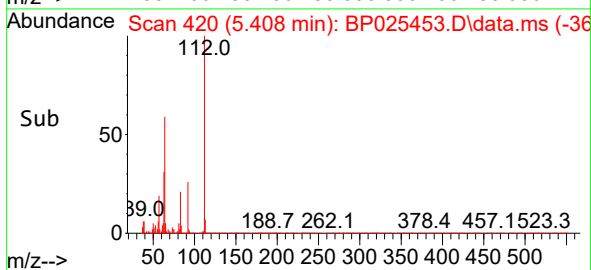
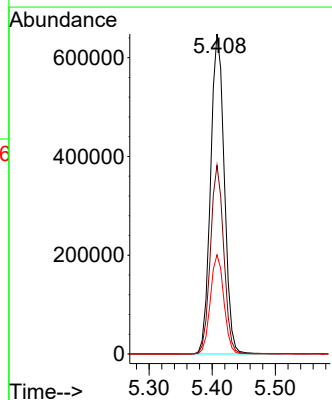
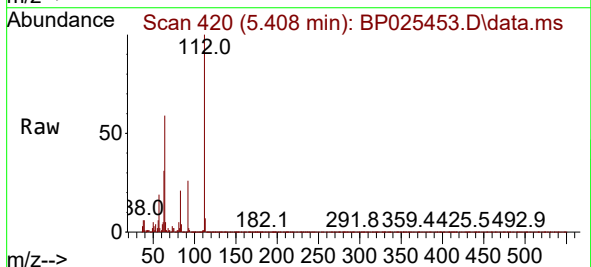
Instrument :
BNA_P
ClientSampleId :
TG-S04

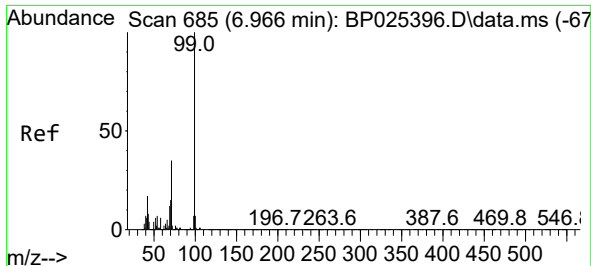
Tgt Ion:152 Resp: 141077
Ion Ratio Lower Upper
152 100
150 159.7 125.9 188.9
115 61.6 48.5 72.7



#5
2-Fluorophenol
Concen: 115.350 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025453.D
Acq: 16 Aug 2025 10:11

Tgt Ion:112 Resp: 979904
Ion Ratio Lower Upper
112 100
64 58.9 43.8 65.8
63 31.0 22.7 34.1



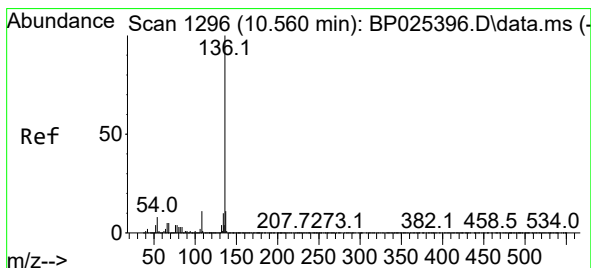
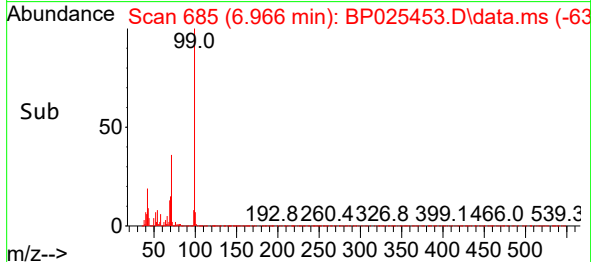
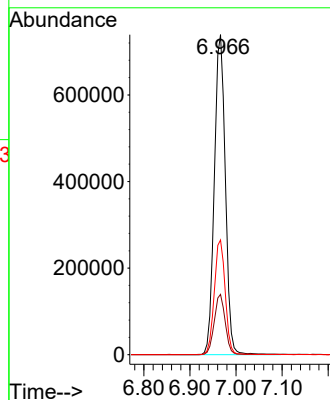
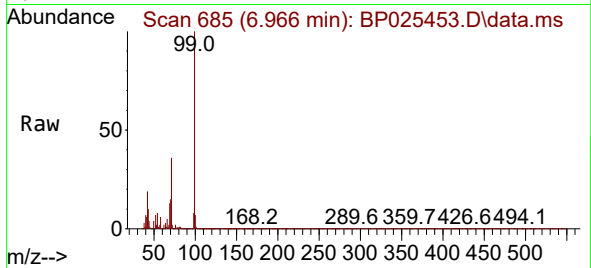


#7
Phenol-d6
Concen: 112.482 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025453.D
Acq: 16 Aug 2025 10:11

Instrument :
BNA_P
ClientSampleId :
TG-S04

Tgt Ion: 99 Resp: 1225077

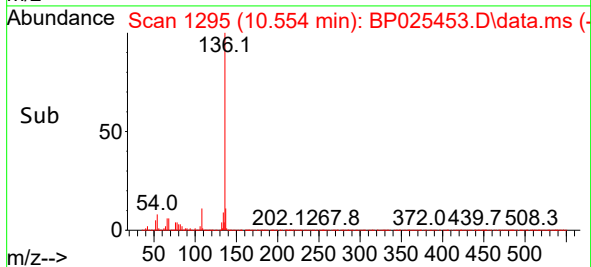
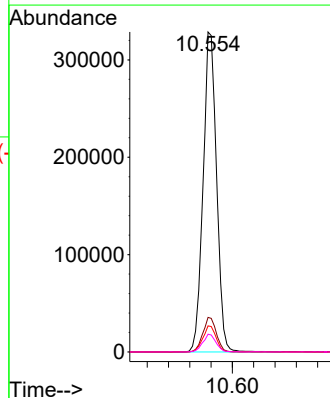
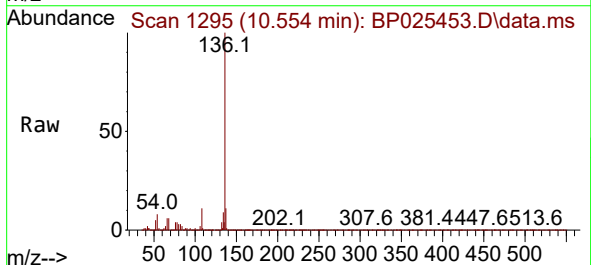
Ion	Ratio	Lower	Upper
99	100		
42	18.8	13.7	20.5
71	35.8	28.2	42.4

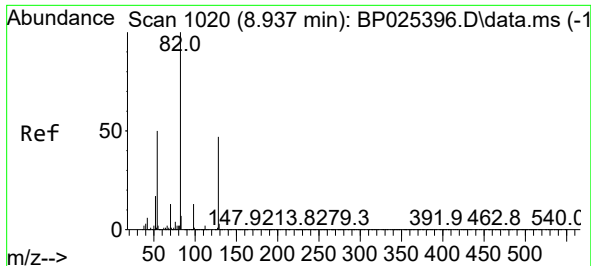


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025453.D
Acq: 16 Aug 2025 10:11

Tgt Ion: 136 Resp: 575850

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	8.1	6.0	9.0
68	5.6	4.3	6.5

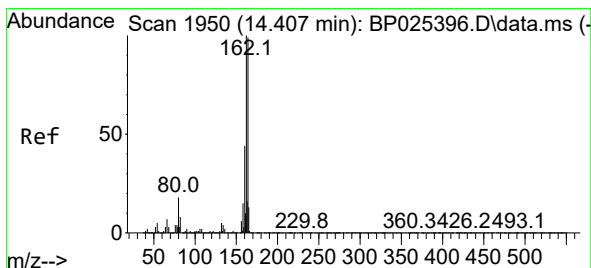
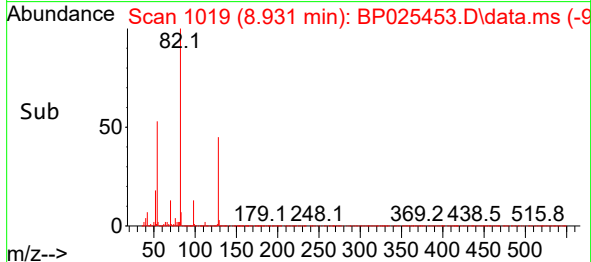
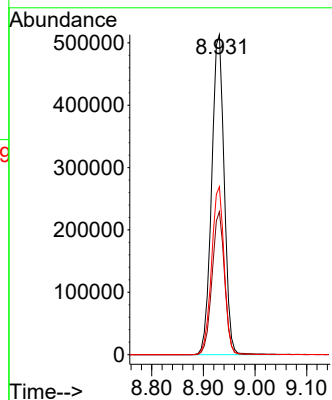
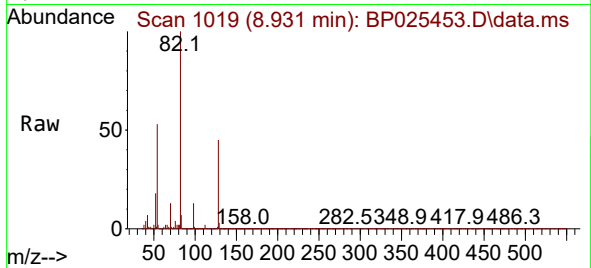




#23
Nitrobenzene-d5
Concen: 76.121 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025453.D
Acq: 16 Aug 2025 10:11

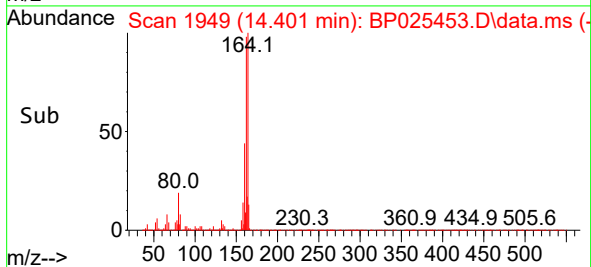
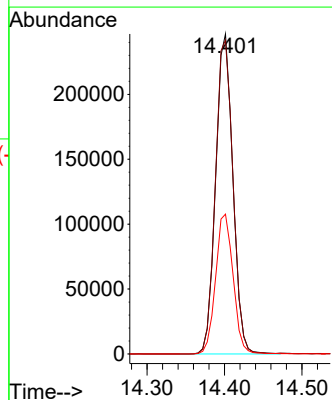
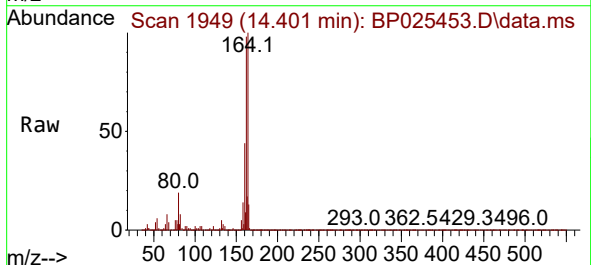
Instrument :
BNA_P
ClientSampleId :
TG-S04

Tgt Ion: 82 Resp: 866535
Ion Ratio Lower Upper
82 100
128 44.7 37.7 56.5
54 52.5 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: BP025453.D
Acq: 16 Aug 2025 10:11

Tgt Ion:164 Resp: 379729
Ion Ratio Lower Upper
164 100
162 98.1 81.0 121.6
160 43.7 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 124.939 ng

RT: 15.907 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025453.D

Acq: 16 Aug 2025 10:11

Instrument :

BNA_P

ClientSampleId :

TG-S04

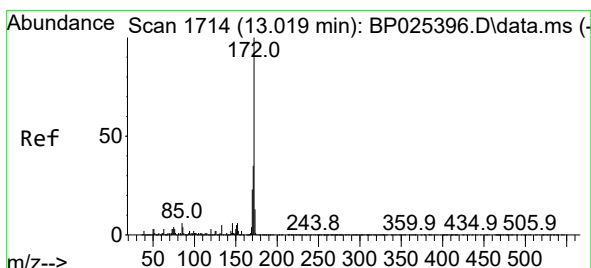
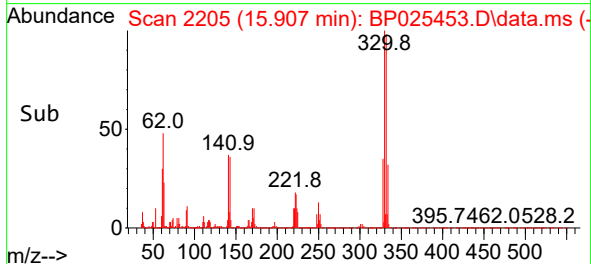
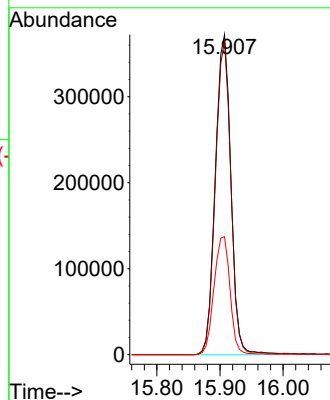
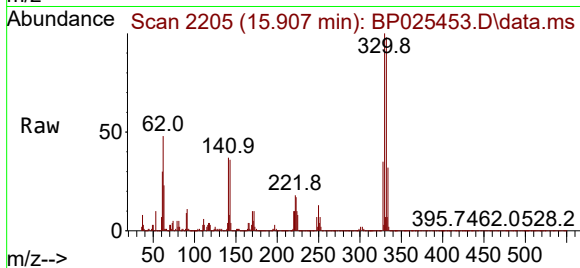
Tgt Ion:330 Resp: 638587

Ion Ratio Lower Upper

330 100

332 97.8 77.3 115.9

141 38.1 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 71.354 ng

RT: 13.013 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP025453.D

Acq: 16 Aug 2025 10:11

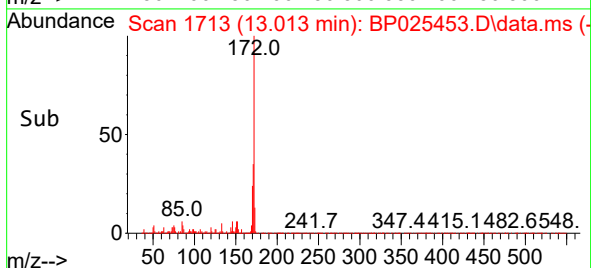
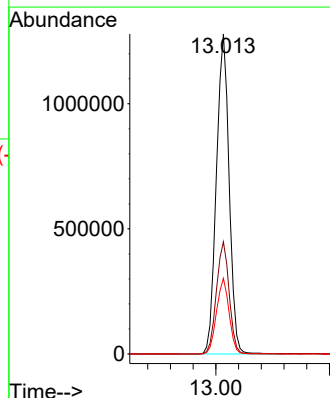
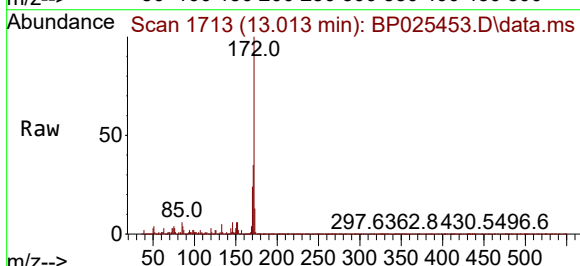
Tgt Ion:172 Resp: 1982544

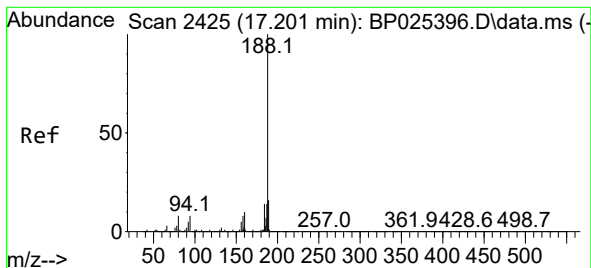
Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.7 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: BP025453.D

Acq: 16 Aug 2025 10:11

Instrument :

BNA_P

ClientSampleId :

TG-S04

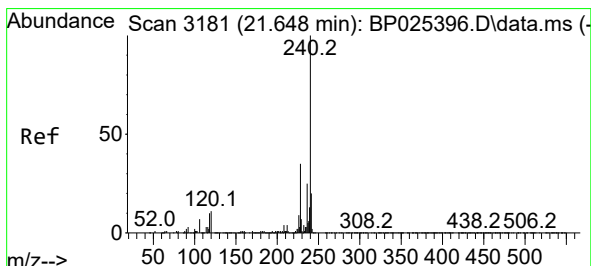
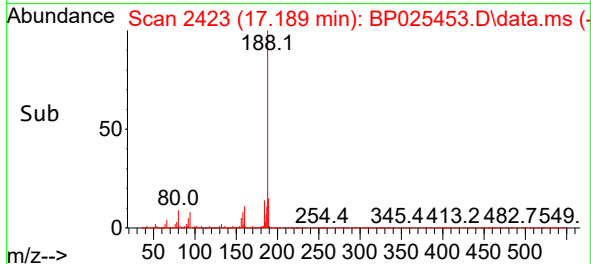
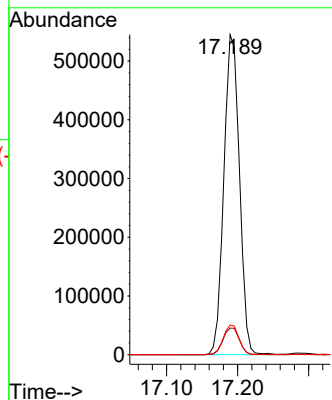
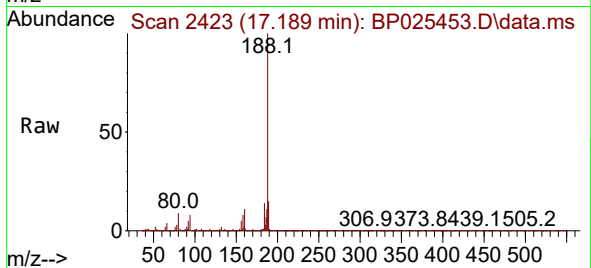
Tgt Ion:188 Resp: 826858

Ion Ratio Lower Upper

188 100

94 8.3 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. -0.018 min

Lab File: BP025453.D

Acq: 16 Aug 2025 10:11

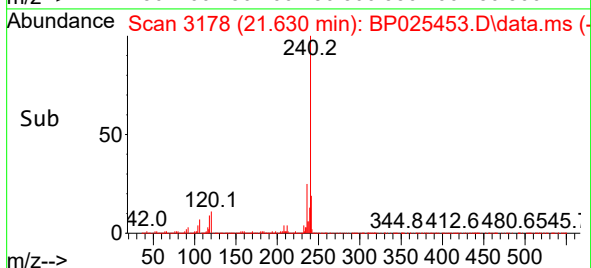
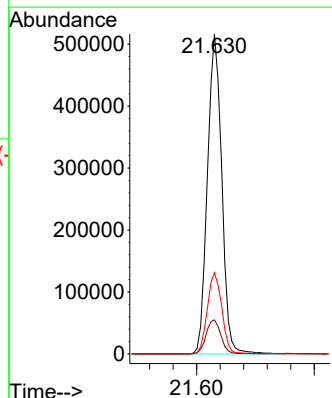
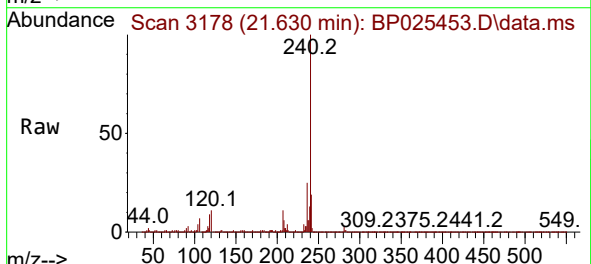
Tgt Ion:240 Resp: 871981

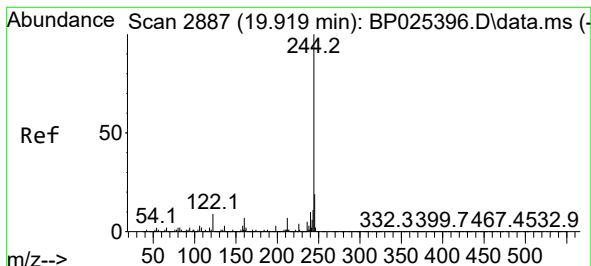
Ion Ratio Lower Upper

240 100

120 10.7 8.9 13.3

236 25.4 19.8 29.8





#79

Terphenyl-d14

Concen: 75.731 ng

RT: 19.924 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025453.D

Acq: 16 Aug 2025 10:11

Instrument :

BNA_P

ClientSampleId :

TG-S04

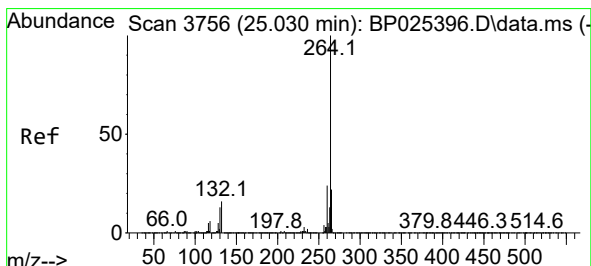
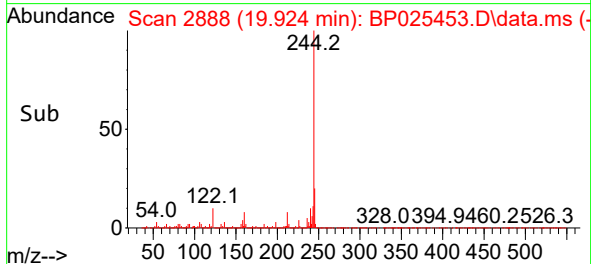
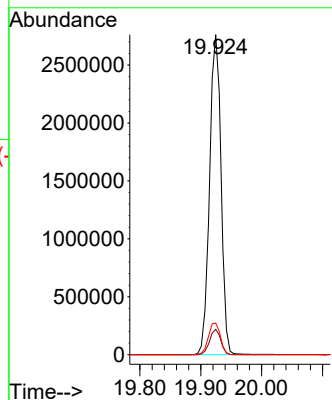
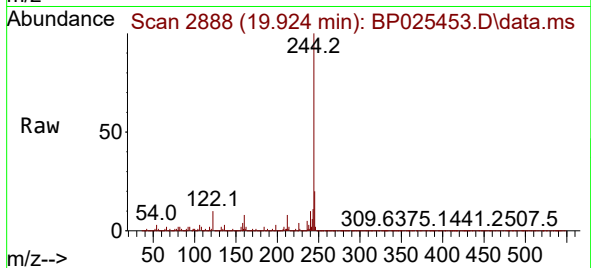
Tgt Ion:244 Resp: 3609359

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.6

122 9.9 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.989 min Scan# 3749

Delta R.T. -0.041 min

Lab File: BP025453.D

Acq: 16 Aug 2025 10:11

Tgt Ion:264 Resp: 942630

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 21.9 17.4 26.0

