

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)

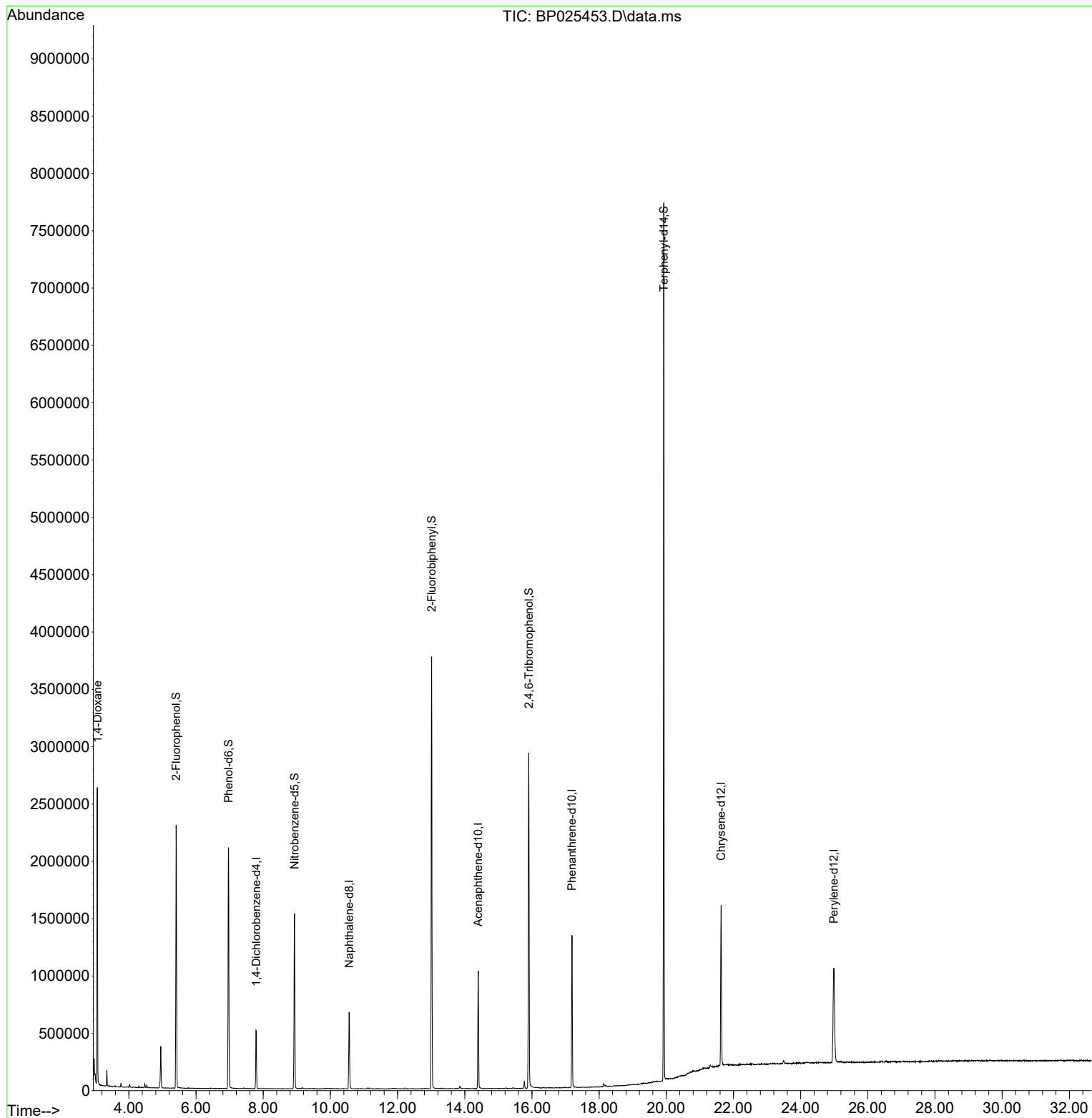
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	141077	20.000	ng	0.00
21) Naphthalene-d8	10.554	136	575850	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	379729	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	826858	20.000	ng	-0.01
76) Chrysene-d12	21.630	240	871981	20.000	ng	-0.02
86) Perylene-d12	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						
2) 1,4-Dioxane	3.061	88	15859	4.766	ng	Qvalue # 1

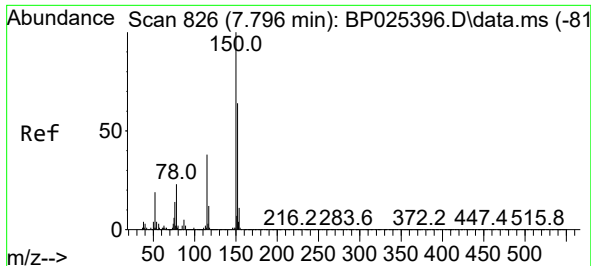
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

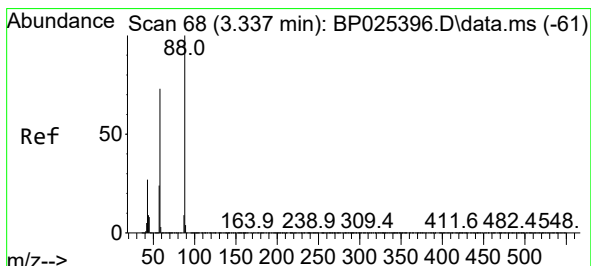
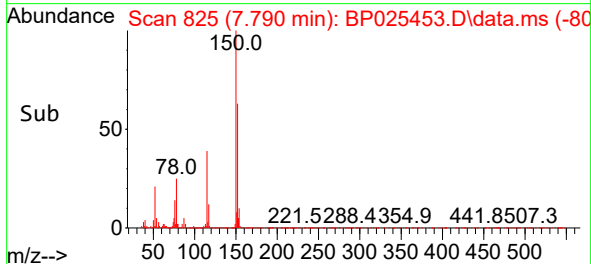
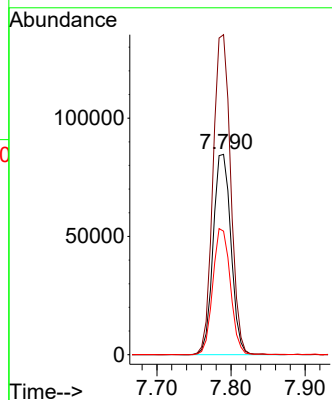
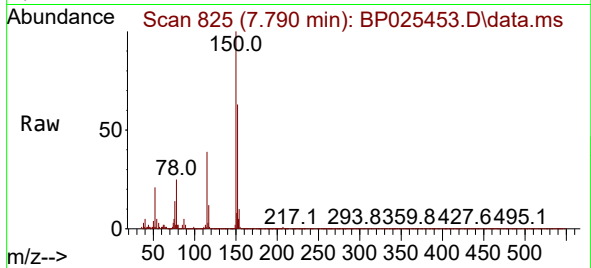




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025453.D
Acq: 16 Aug 2025 10:11

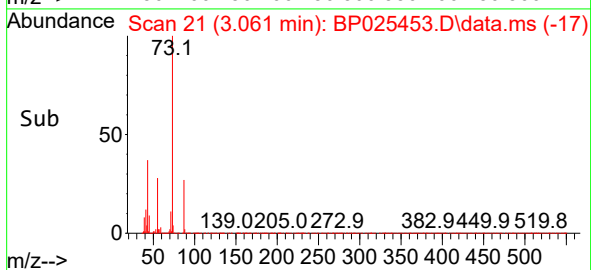
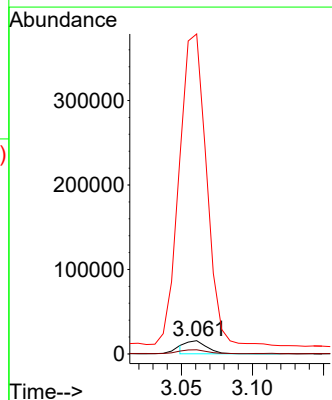
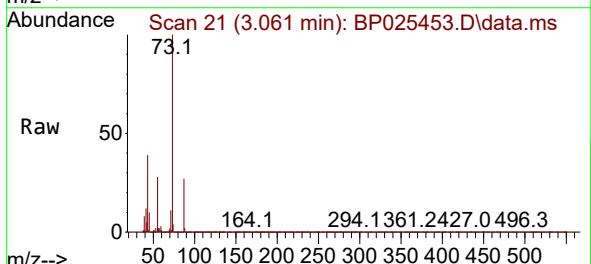
Instrument :
BNA_P
ClientSampleId :
TG-S04

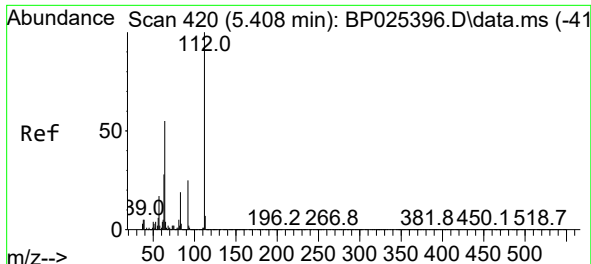
Tgt Ion:152 Resp: 141077
Ion Ratio Lower Upper
152 100
150 159.7 125.9 188.9
115 61.6 48.5 72.7



#2
1,4-Dioxane
Concen: 4.766 ng
RT: 3.061 min Scan# 21
Delta R.T. -0.276 min
Lab File: BP025453.D
Acq: 16 Aug 2025 10:11

Tgt Ion: 88 Resp: 15859
Ion Ratio Lower Upper
88 100
58 30.1 59.2 88.8#
43 2457.7 21.7 32.5#

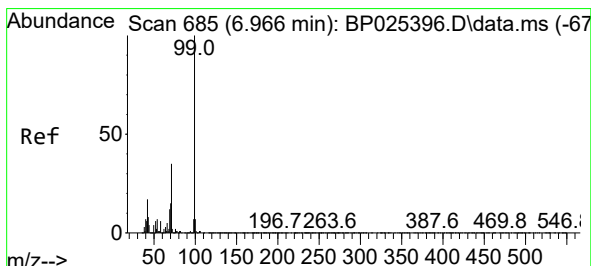
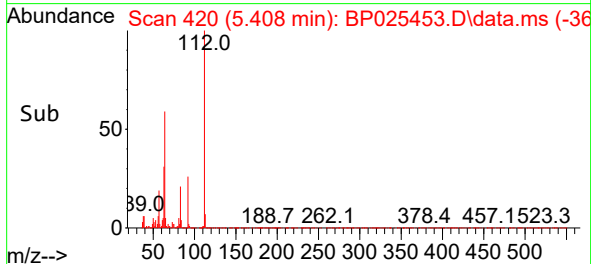
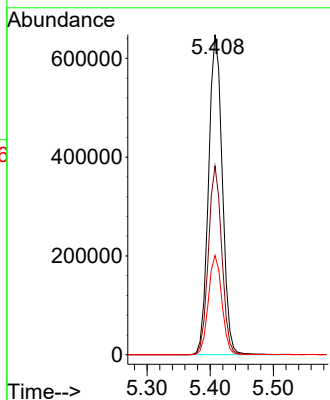
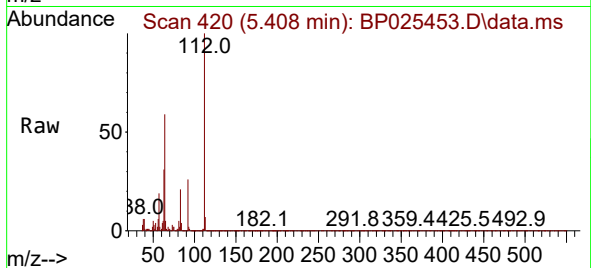




#5
2-Fluorophenol
Concen: 115.350 ng
RT: 5.408 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP025453.D
Acq: 16 Aug 2025 10:11

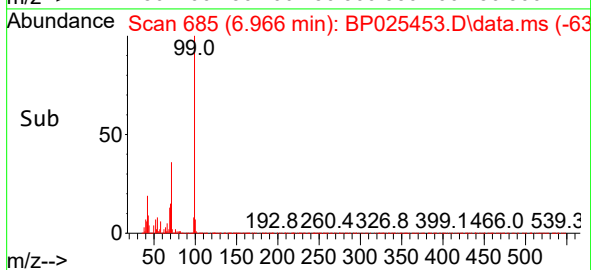
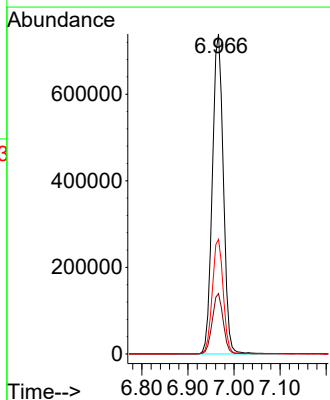
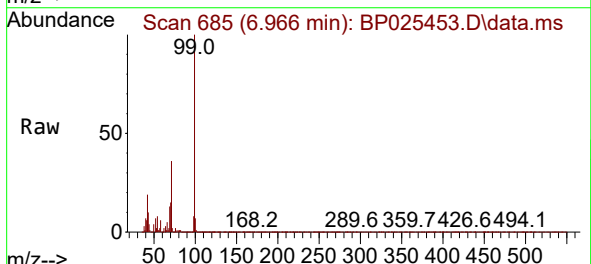
Instrument :
BNA_P
ClientSampleId :
TG-S04

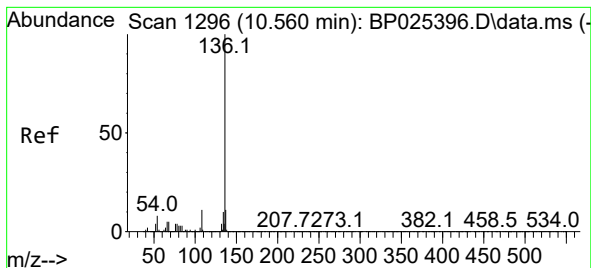
Tgt Ion:112 Resp: 979904
Ion Ratio Lower Upper
112 100
64 58.9 43.8 65.8
63 31.0 22.7 34.1



#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

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# 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:136 Resp: 575850

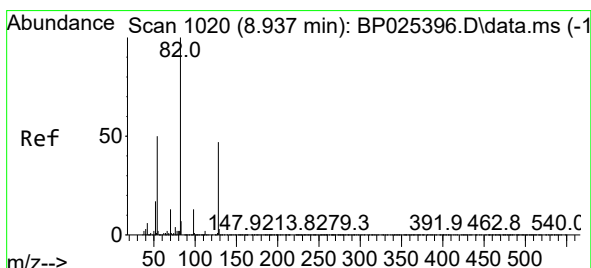
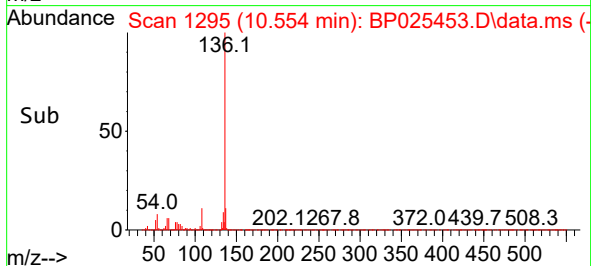
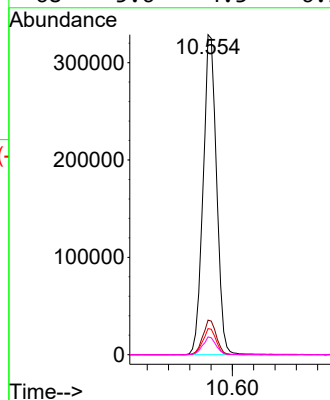
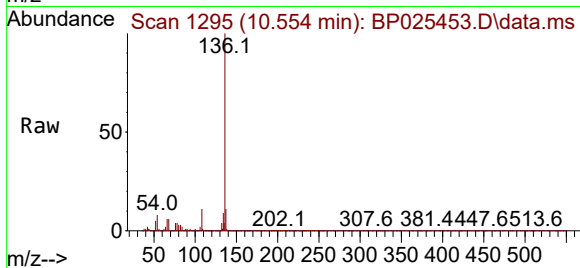
Ion Ratio Lower Upper

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

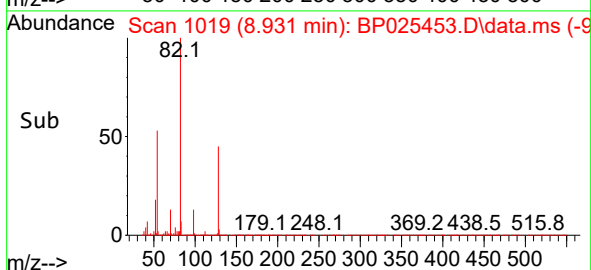
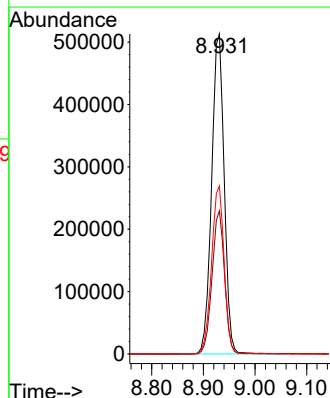
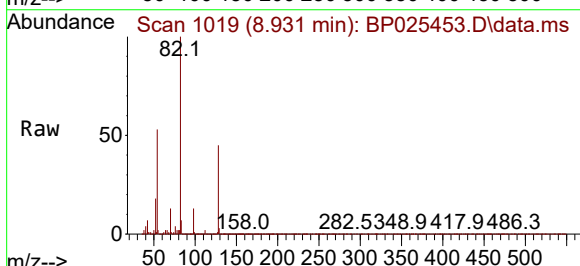
Tgt Ion: 82 Resp: 866535

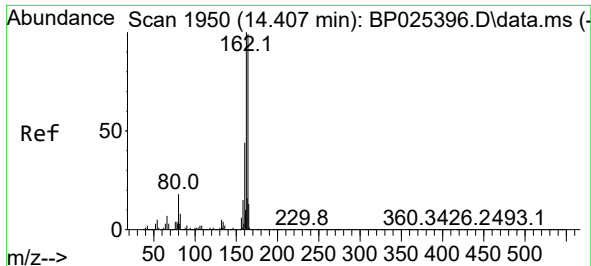
Ion Ratio Lower Upper

82 100

128 44.7 37.7 56.5

54 52.5 39.8 59.6

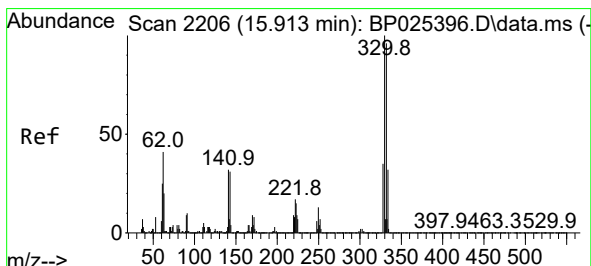
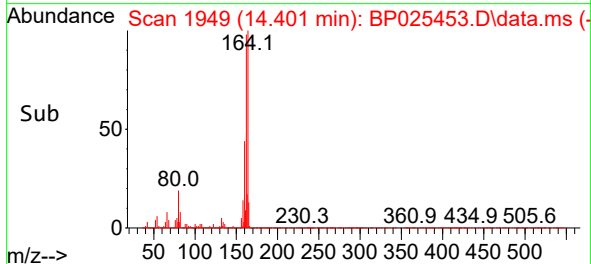
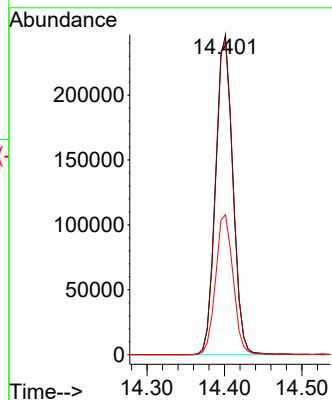
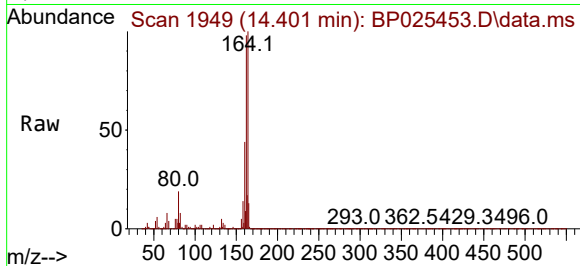




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025453.D
Acq: 16 Aug 2025 10:11

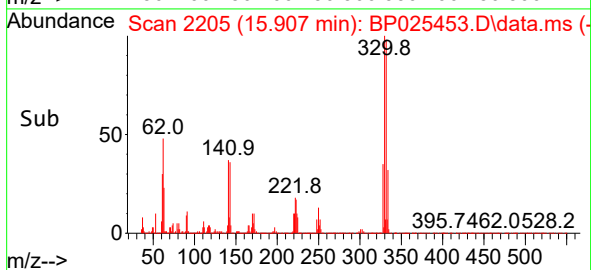
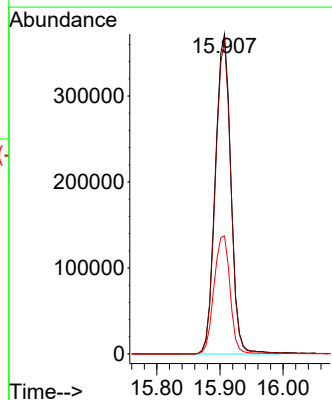
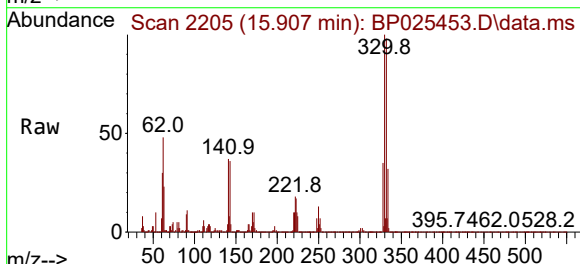
Instrument :
BNA_P
ClientSampleId :
TG-S04

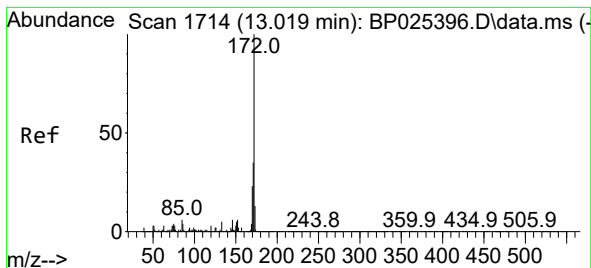
Tgt Ion:164 Resp: 379729
Ion Ratio Lower Upper
164 100
162 98.1 81.0 121.6
160 43.7 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 124.939 ng
RT: 15.907 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BP025453.D
Acq: 16 Aug 2025 10:11

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# 1

Delta R.T. -0.006 min

Lab File: BP025453.D

Acq: 16 Aug 2025 10:11

Instrument :

BNA_P

ClientSampleId :

TG-S04

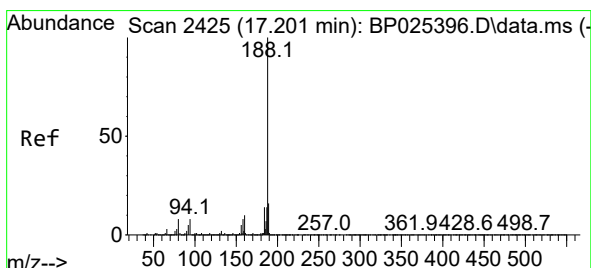
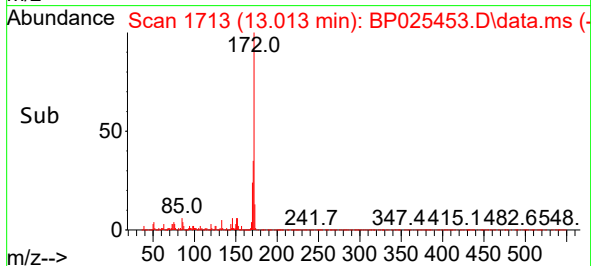
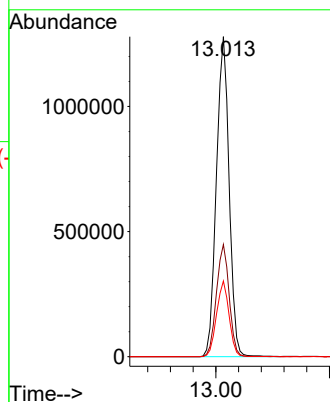
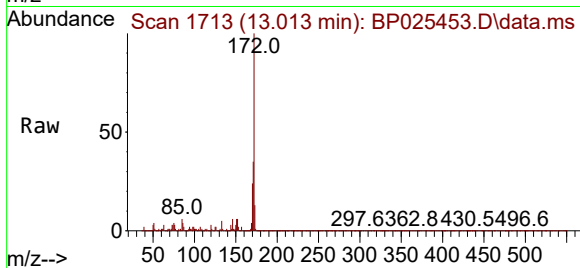
Tgt Ion:172 Resp: 1982544

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# 2423

Delta R.T. -0.012 min

Lab File: BP025453.D

Acq: 16 Aug 2025 10:11

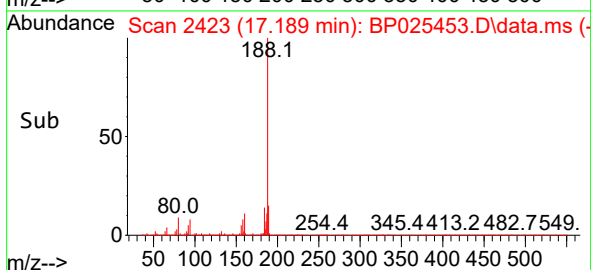
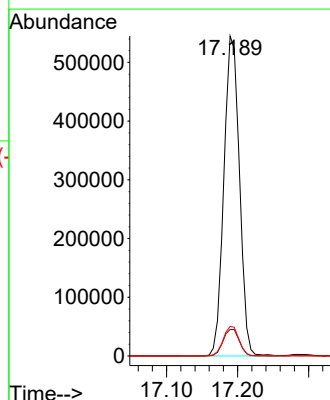
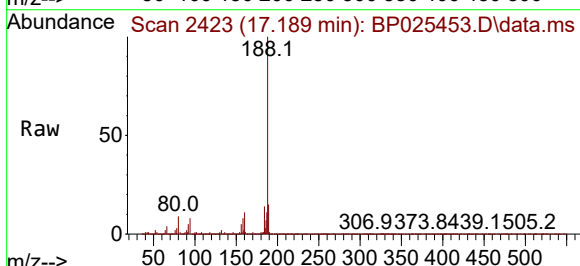
Tgt Ion:188 Resp: 826858

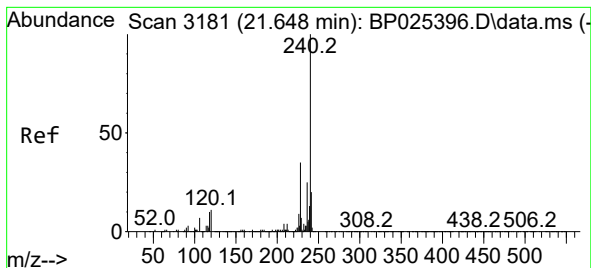
Ion Ratio Lower Upper

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# 31

Delta R.T. -0.018 min

Lab File: BP025453.D

Acq: 16 Aug 2025 10:11

Instrument :

BNA_P

ClientSampleId :

TG-S04

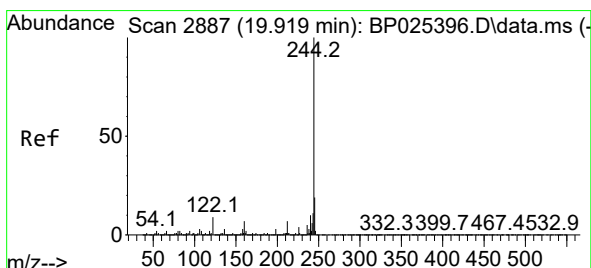
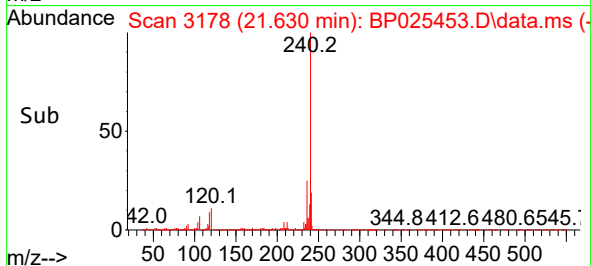
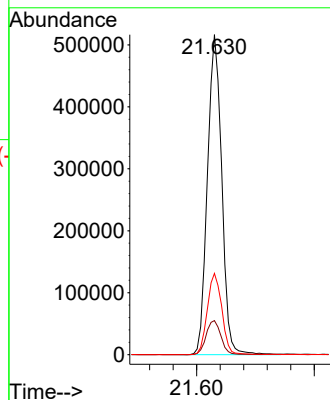
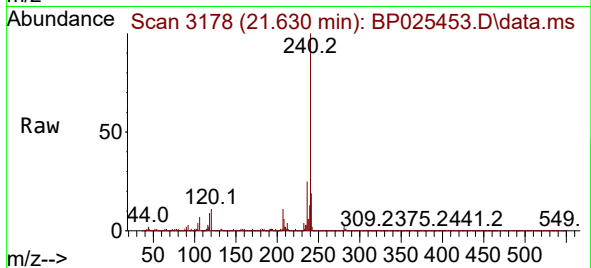
Tgt Ion:240 Resp: 871981

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# 2888

Delta R.T. 0.006 min

Lab File: BP025453.D

Acq: 16 Aug 2025 10:11

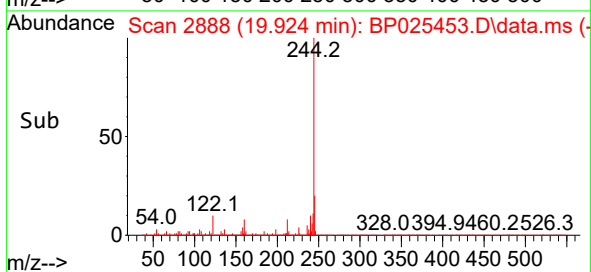
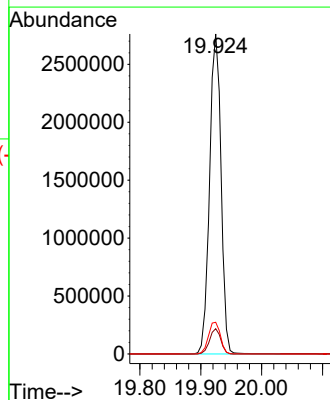
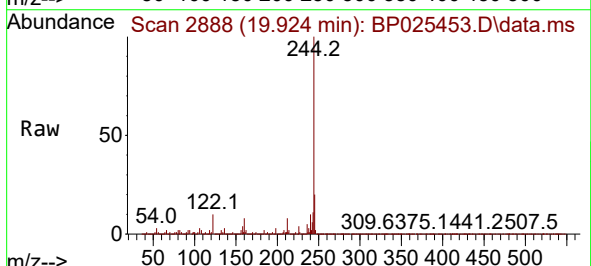
Tgt Ion:244 Resp: 3609359

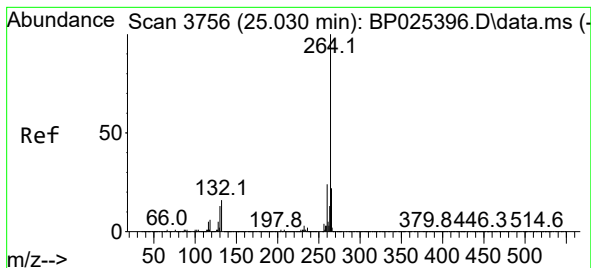
Ion Ratio Lower Upper

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# 31

Delta R.T. -0.041 min

Lab File: BP025453.D

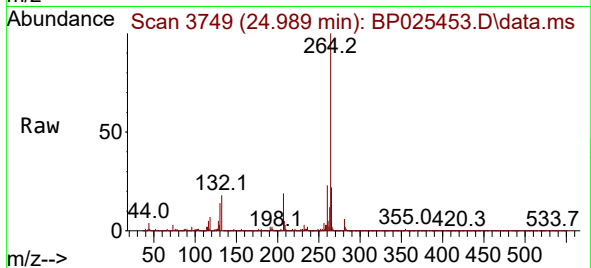
Acq: 16 Aug 2025 10:11

Instrument :

BNA_P

ClientSampleId :

TG-S04



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

