

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025529.D
Acq On : 21 Aug 2025 07:23
Operator : CG/JU
Sample : PB169285BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169285BL

Quant Time: Aug 21 07:42:06 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	7.784	152	183075	20.000	ng	-0.01
21) Naphthalene-d8	10.555	136	704112	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	433475	20.000	ng	0.00
64) Phenanthrene-d10	17.195	188	834949	20.000	ng	0.00
76) Chrysene-d12	21.642	240	835920	20.000	ng	0.00
86) Perylene-d12	25.007	264	986227	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1467856	133.151	ng	0.00
7) Phenol-d6	6.966	99	1814166	128.358	ng	0.00
23) Nitrobenzene-d5	8.931	82	1182435	84.950	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	741805	127.139	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	2592007	81.722	ng	0.00
79) Terphenyl-d14	19.930	244	3557487	77.862	ng	0.01

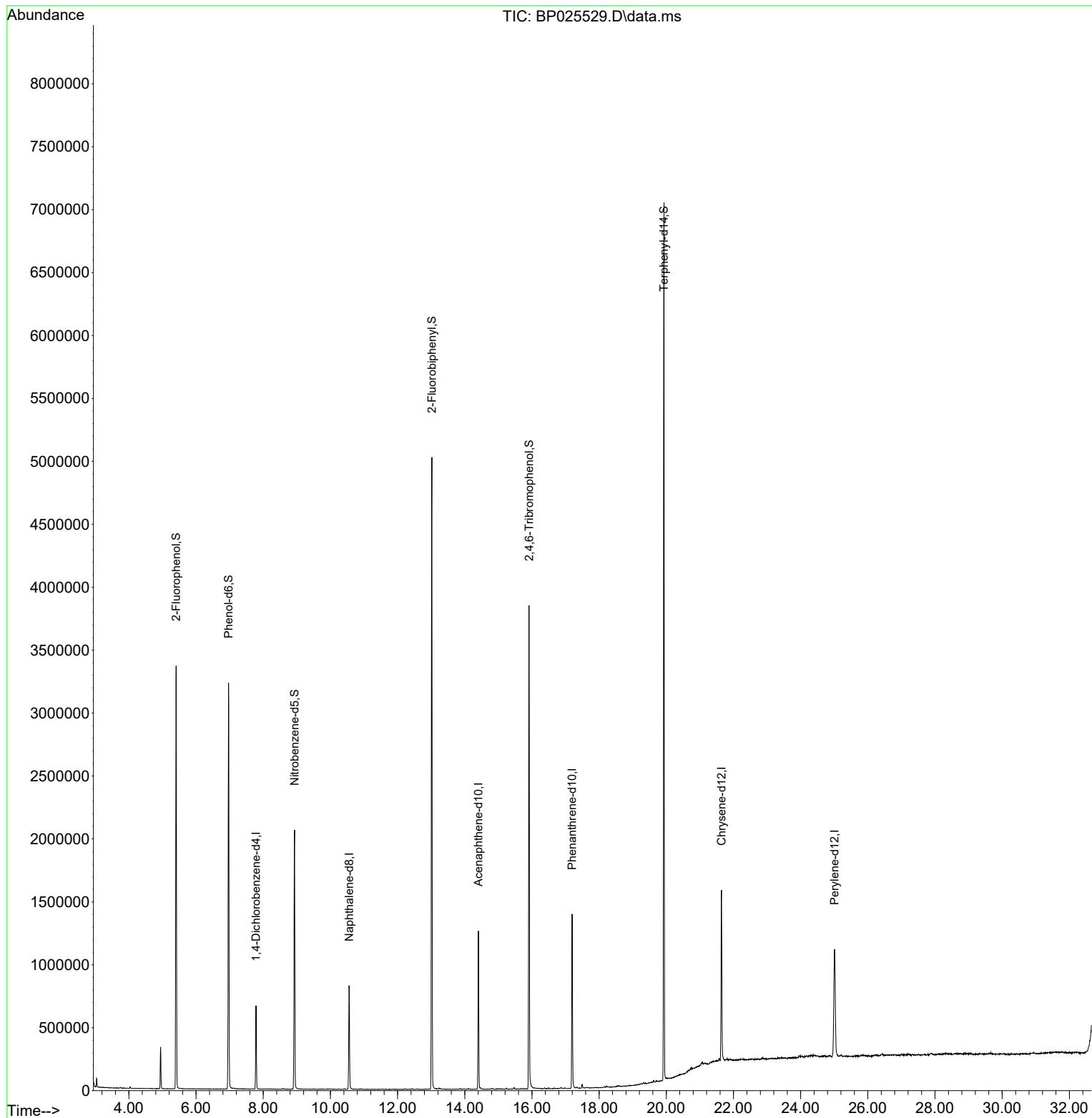
Target Compounds	Qvalue

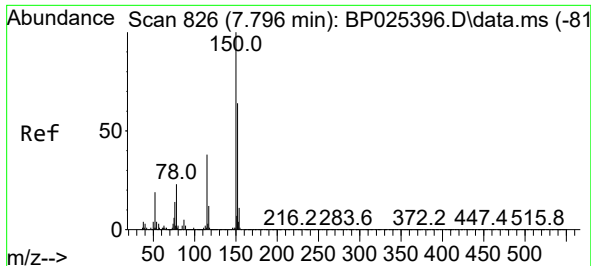
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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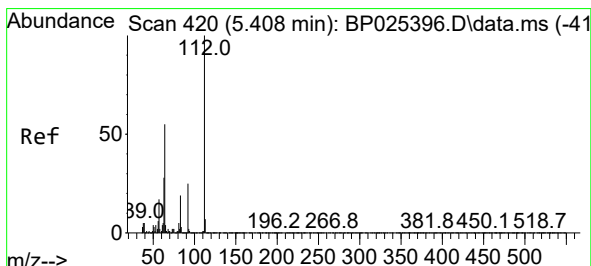
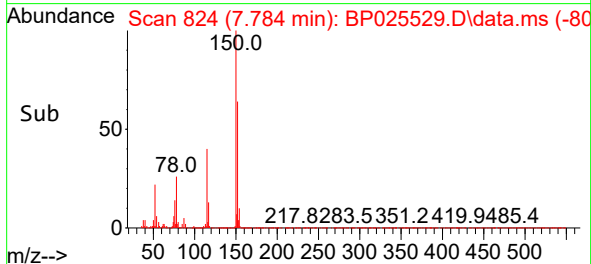
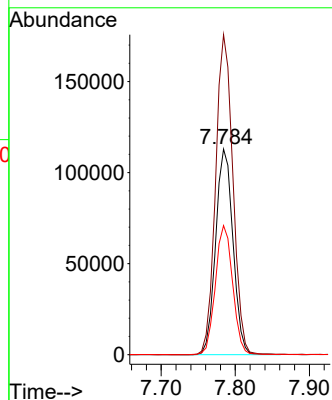
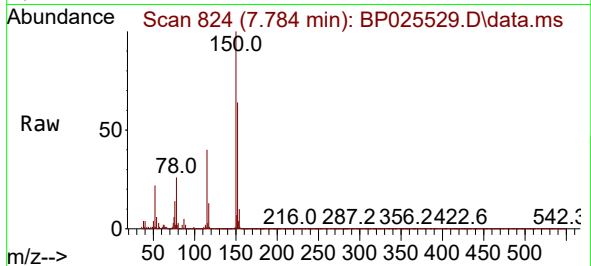




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.784 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025529.D
Acq: 21 Aug 2025 07:23

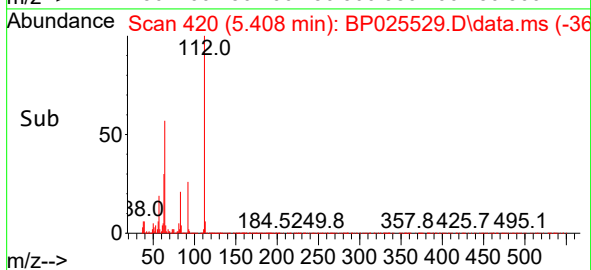
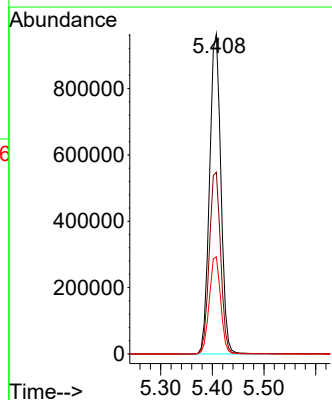
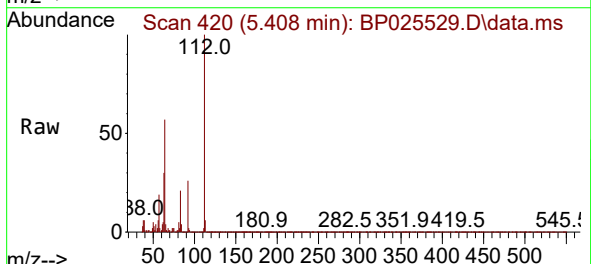
Instrument :
BNA_P
ClientSampleId :
PB169285BL

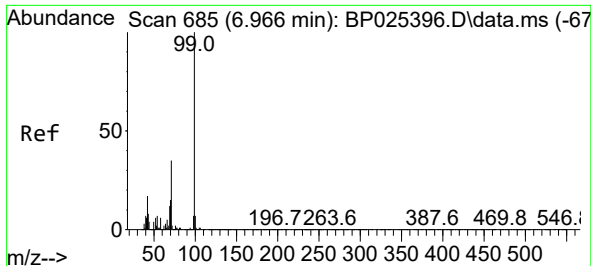
Tgt Ion:152 Resp: 183075
Ion Ratio Lower Upper
152 100
150 155.6 125.9 188.9
115 62.8 48.5 72.7



#5
2-Fluorophenol
Concen: 133.151 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025529.D
Acq: 21 Aug 2025 07:23

Tgt Ion:112 Resp: 1467856
Ion Ratio Lower Upper
112 100
64 56.8 43.8 65.8
63 30.4 22.7 34.1



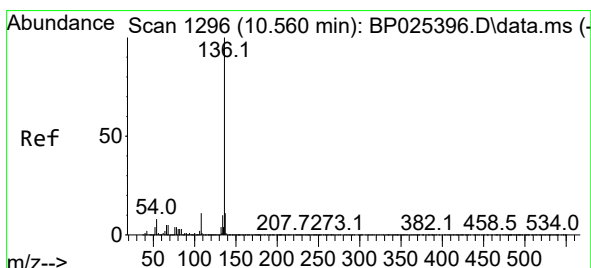
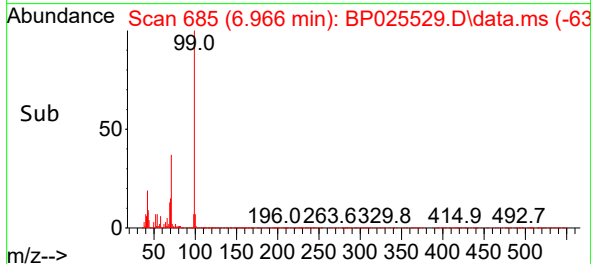
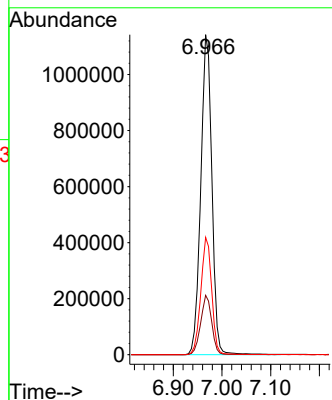
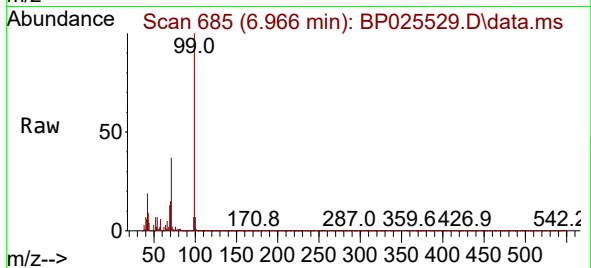


#7
Phenol-d6
Concen: 128.358 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025529.D
Acq: 21 Aug 2025 07:23

Instrument :
BNA_P
ClientSampleId :
PB169285BL

Tgt Ion: 99 Resp: 1814166

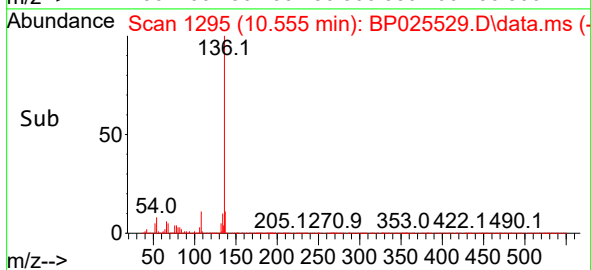
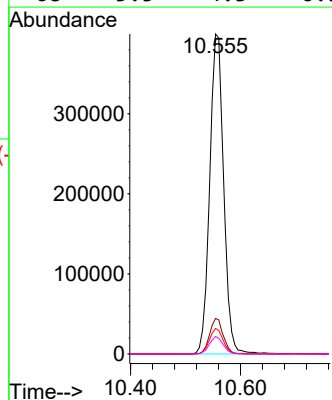
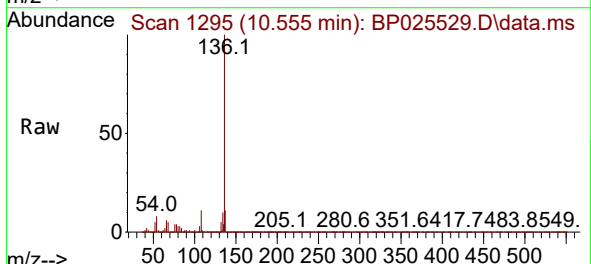
Ion	Ratio	Lower	Upper
99	100		
42	18.5	13.7	20.5
71	36.7	28.2	42.4

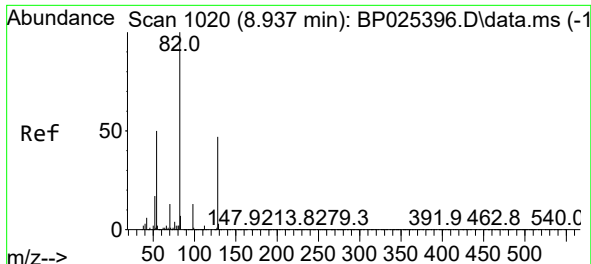


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.555 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025529.D
Acq: 21 Aug 2025 07:23

Tgt Ion: 136 Resp: 704112

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	7.9	6.0	9.0
68	5.5	4.3	6.5

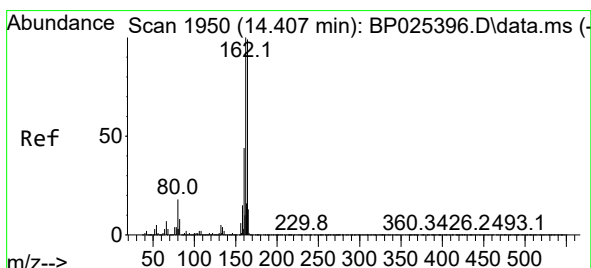
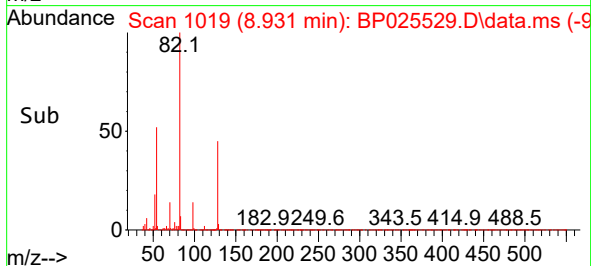
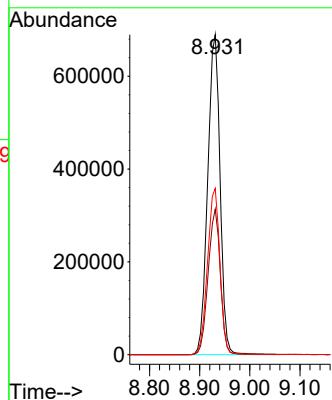
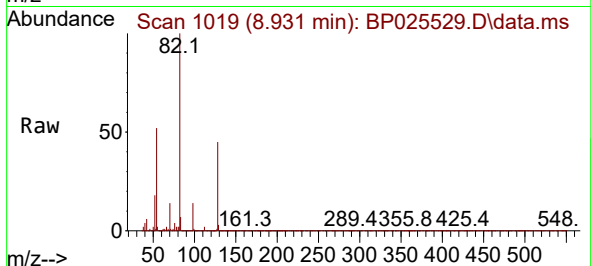




#23
Nitrobenzene-d5
Concen: 84.950 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025529.D
Acq: 21 Aug 2025 07:23

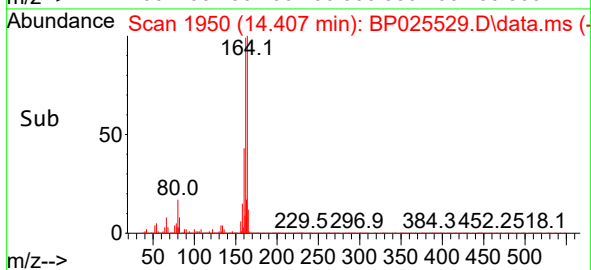
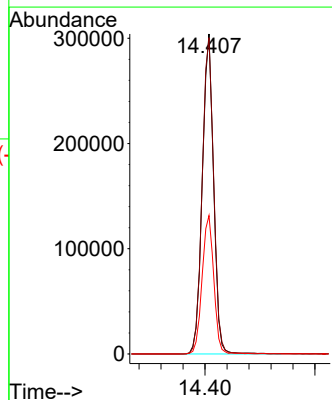
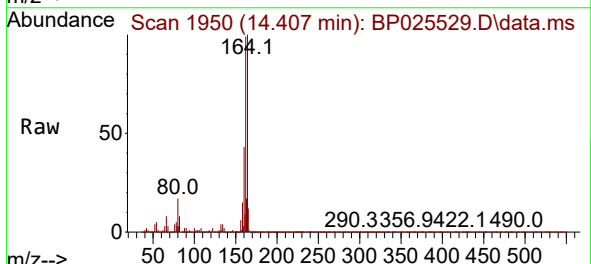
Instrument :
BNA_P
ClientSampleId :
PB169285BL

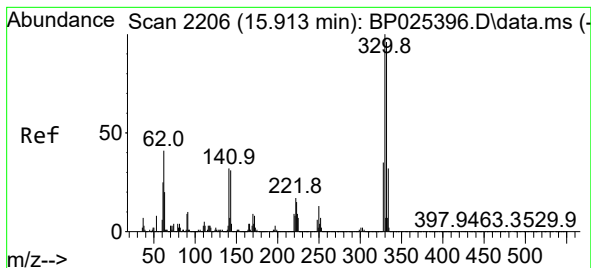
Tgt Ion: 82 Resp: 1182435
Ion Ratio Lower Upper
82 100
128 45.5 37.7 56.5
54 51.9 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BP025529.D
Acq: 21 Aug 2025 07:23

Tgt Ion:164 Resp: 433475
Ion Ratio Lower Upper
164 100
162 98.9 81.0 121.6
160 43.3 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 127.139 ng

RT: 15.913 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BP025529.D

Acq: 21 Aug 2025 07:23

Instrument :

BNA_P

ClientSampleId :

PB169285BL

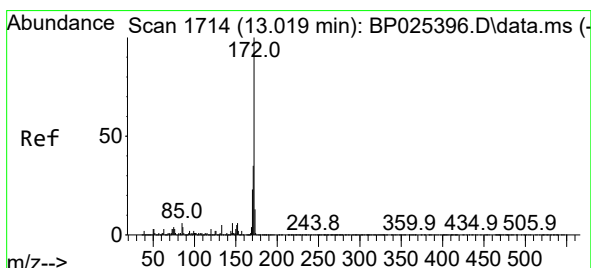
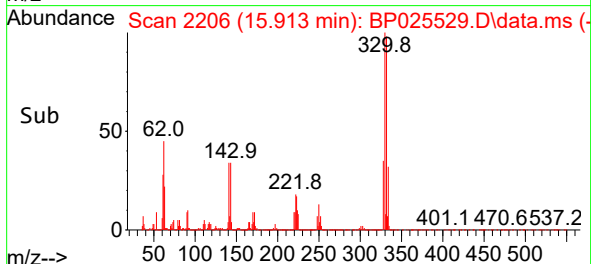
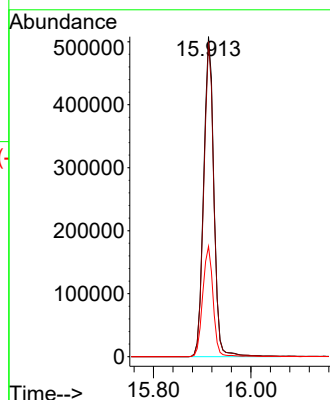
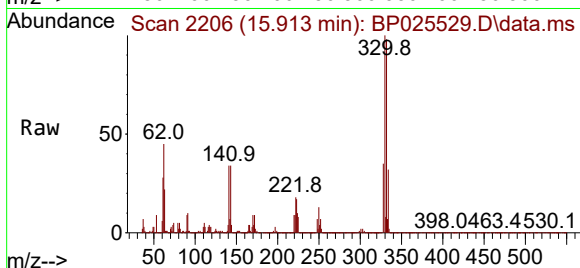
Tgt Ion:330 Resp: 741805

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

141 35.1 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 81.722 ng

RT: 13.019 min Scan# 1714

Delta R.T. 0.000 min

Lab File: BP025529.D

Acq: 21 Aug 2025 07:23

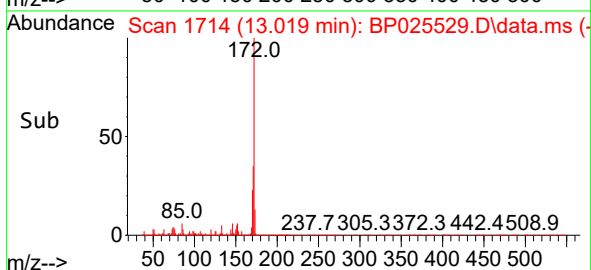
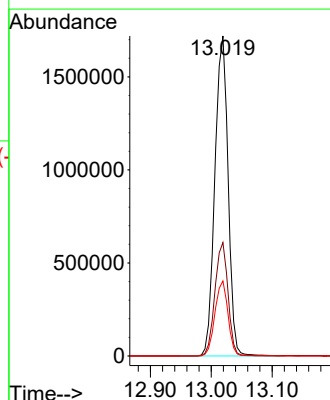
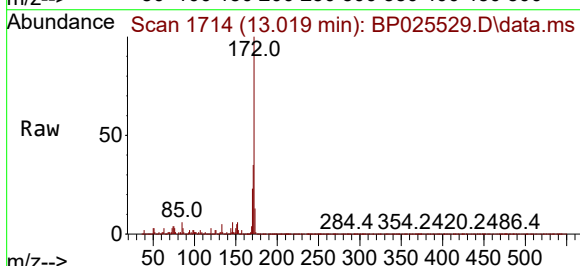
Tgt Ion:172 Resp: 2592007

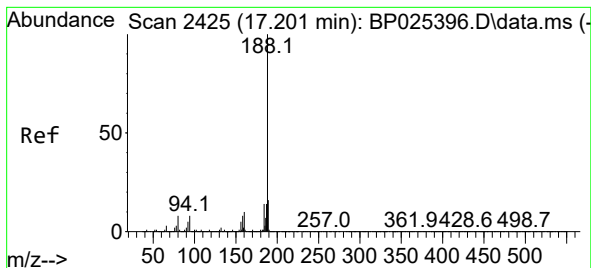
Ion Ratio Lower Upper

172 100

171 35.4 28.1 42.1

170 23.5 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.195 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BP025529.D

Acq: 21 Aug 2025 07:23

Instrument :

BNA_P

ClientSampleId :

PB169285BL

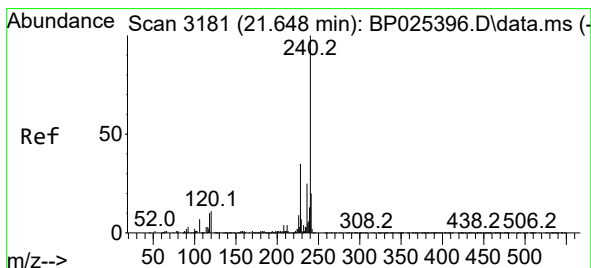
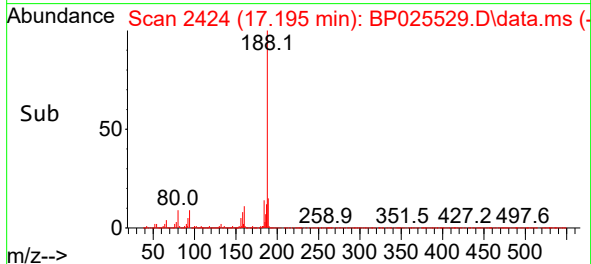
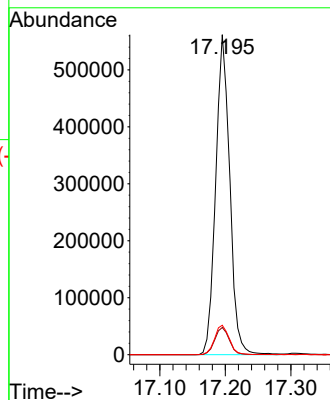
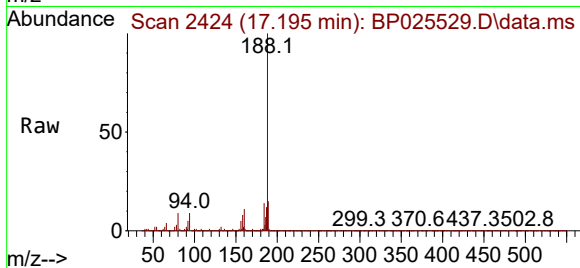
Tgt Ion:188 Resp: 834949

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: 21.642 min Scan# 3180

Delta R.T. -0.006 min

Lab File: BP025529.D

Acq: 21 Aug 2025 07:23

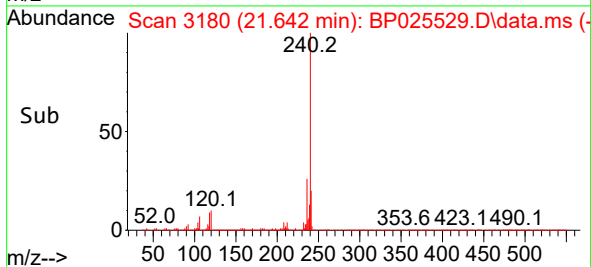
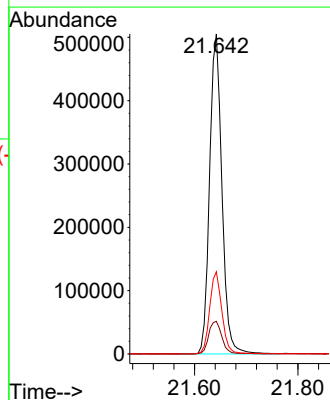
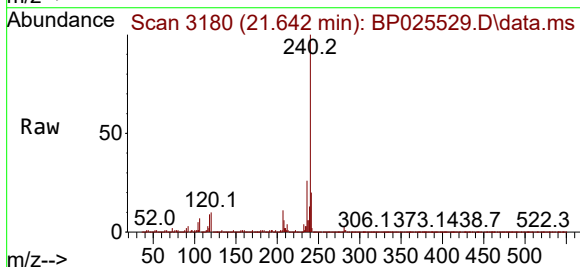
Tgt Ion:240 Resp: 835920

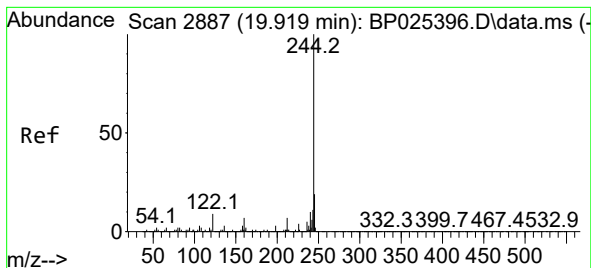
Ion Ratio Lower Upper

240 100

120 10.2 8.9 13.3

236 25.7 19.8 29.8





#79

Terphenyl-d14

Concen: 77.862 ng

RT: 19.930 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025529.D

Acq: 21 Aug 2025 07:23

Instrument :

BNA_P

ClientSampleId :

PB169285BL

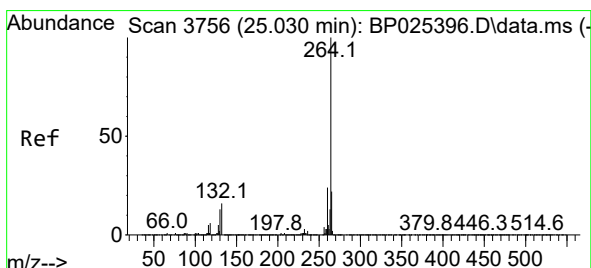
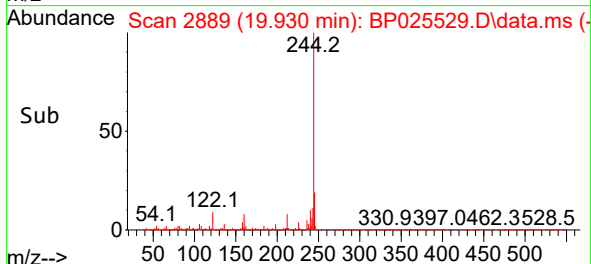
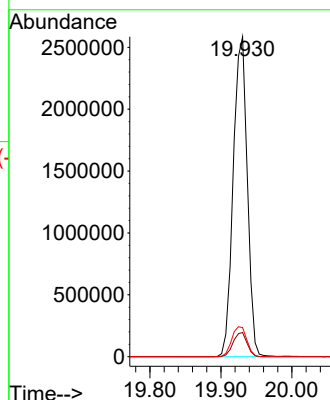
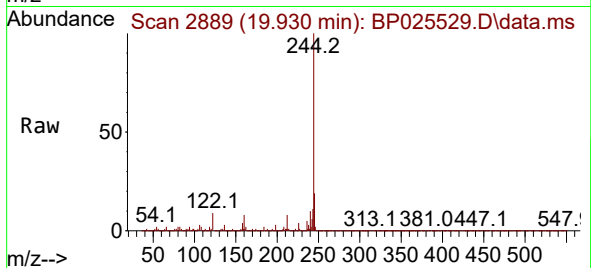
Tgt Ion:244 Resp: 3557487

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

122 9.1 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: BP025529.D

Acq: 21 Aug 2025 07:23

Tgt Ion:264 Resp: 986227

Ion Ratio Lower Upper

264 100

260 23.4 19.3 28.9

265 21.7 17.4 26.0

