

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090525\
 Data File : BP025671.D
 Acq On : 05 Sep 2025 09:59
 Operator : CG/JU
 Sample : PB169528BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169528BL

Quant Time: Sep 05 12:38:30 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	7.766	152	136658	20.000	ng	-0.03
21) Naphthalene-d8	10.537	136	525865	20.000	ng	-0.02
39) Acenaphthene-d10	14.396	164	328254	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	698717	20.000	ng	0.00
76) Chrysene-d12	21.630	240	823364	20.000	ng	-0.02
86) Perylene-d12	25.007	264	878689	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	1185040	144.009	ng	-0.02
7) Phenol-d6	6.955	99	1440184	136.508	ng	-0.01
23) Nitrobenzene-d5	8.908	82	964721	92.801	ng	-0.03
42) 2,4,6-Tribromophenol	15.907	330	710332	160.769	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	2102296	87.529	ng	-0.02
79) Terphenyl-d14	19.913	244	4047257	89.933	ng	0.00

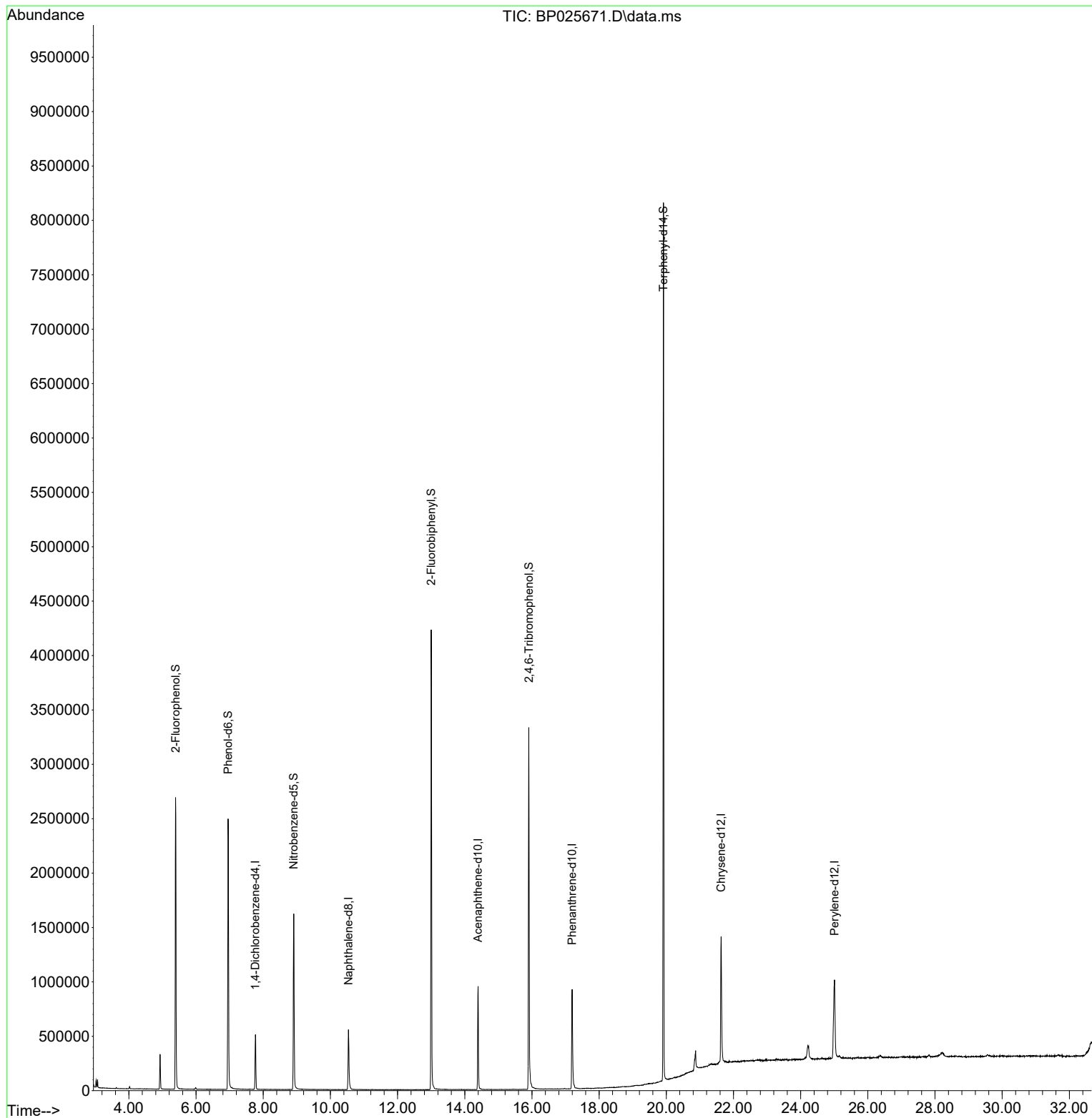
Target Compounds	Qvalue

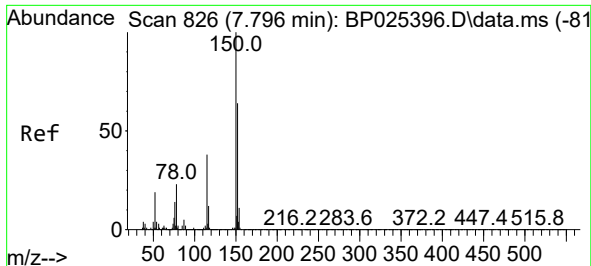
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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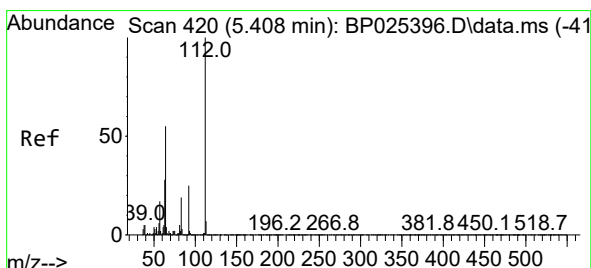
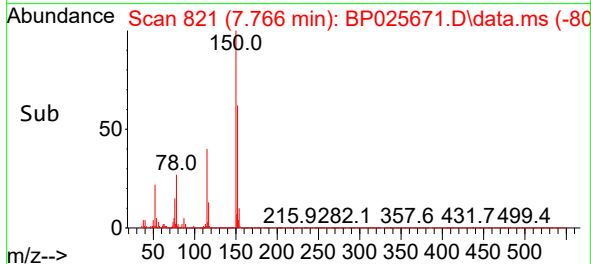
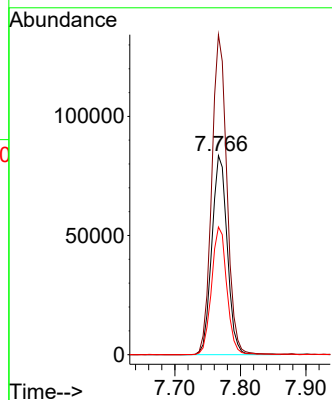
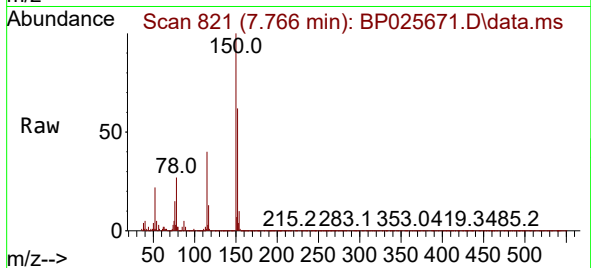




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.766 min Scan# 81
Delta R.T. -0.030 min
Lab File: BP025671.D
Acq: 05 Sep 2025 09:59

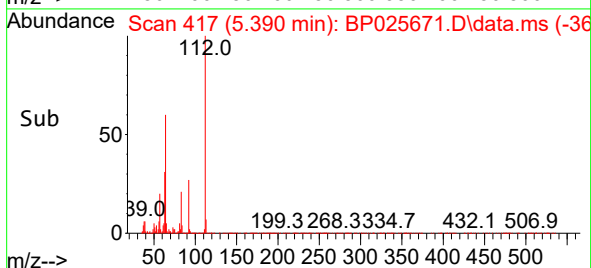
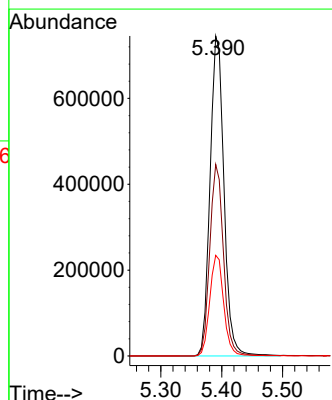
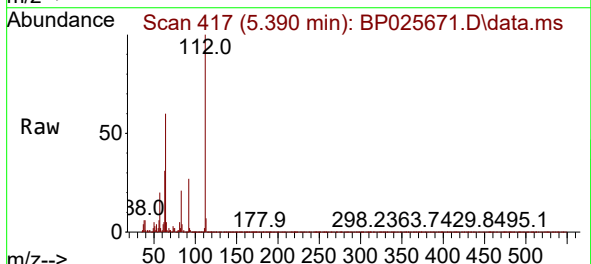
Instrument :
BNA_P
ClientSampleId :
PB169528BL

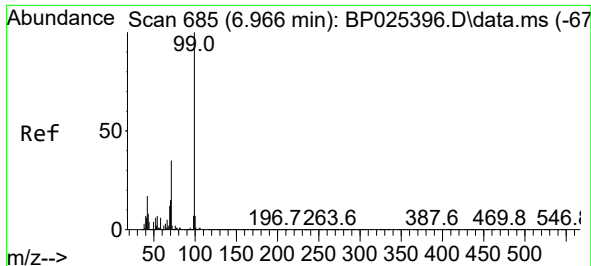
Tgt Ion:152 Resp: 136658
Ion Ratio Lower Upper
152 100
150 160.7 125.9 188.9
115 64.2 48.5 72.7



#5
2-Fluorophenol
Concen: 144.009 ng
RT: 5.390 min Scan# 417
Delta R.T. -0.017 min
Lab File: BP025671.D
Acq: 05 Sep 2025 09:59

Tgt Ion:112 Resp: 1185040
Ion Ratio Lower Upper
112 100
64 59.8 43.8 65.8
63 31.4 22.7 34.1

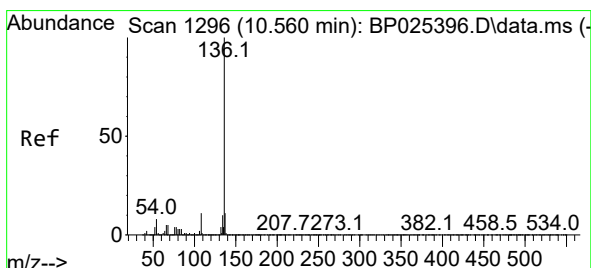
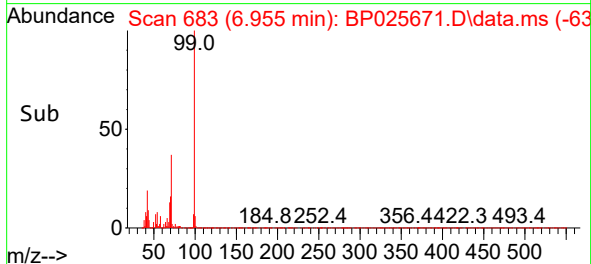
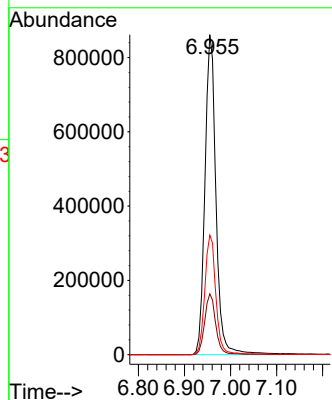
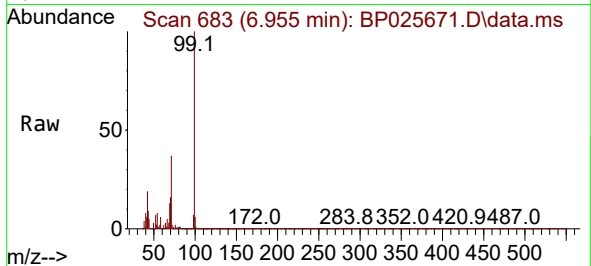




#7
Phenol-d6
Concen: 136.508 ng
RT: 6.955 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP025671.D
Acq: 05 Sep 2025 09:59

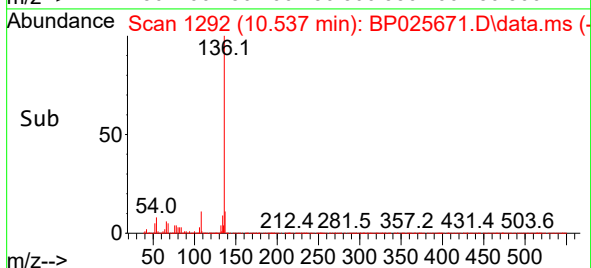
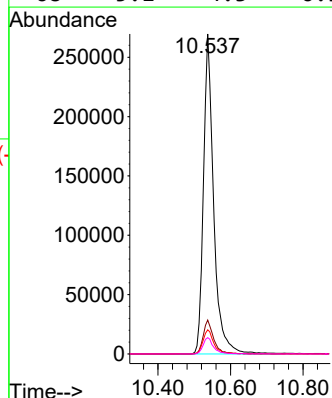
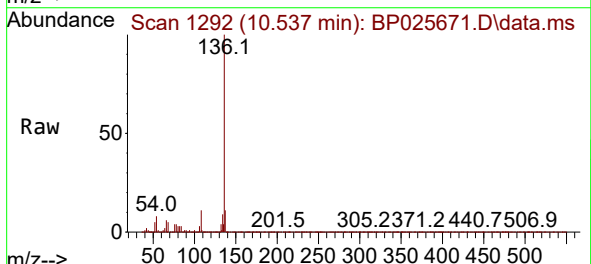
Instrument :
BNA_P
ClientSampleId :
PB169528BL

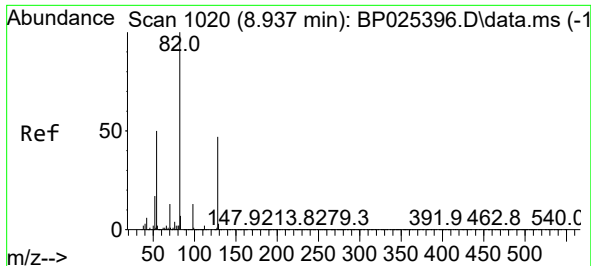
Tgt Ion: 99 Resp: 1440184
Ion Ratio Lower Upper
99 100
42 19.0 13.7 20.5
71 37.4 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.537 min Scan# 1292
Delta R.T. -0.023 min
Lab File: BP025671.D
Acq: 05 Sep 2025 09:59

Tgt Ion: 136 Resp: 525865
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 7.6 6.0 9.0
68 5.1 4.3 6.5

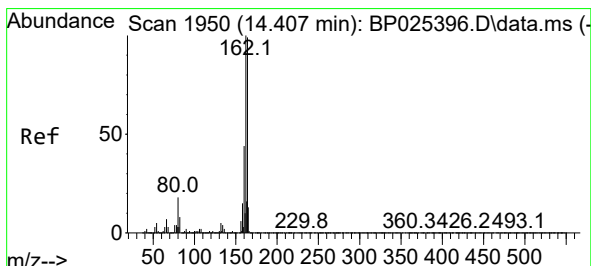
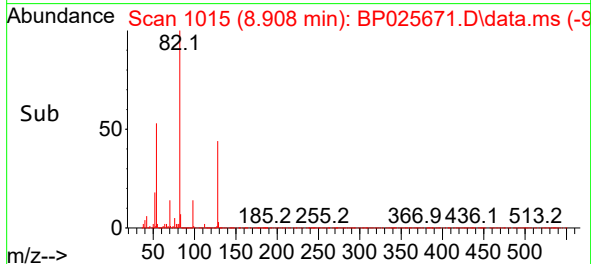
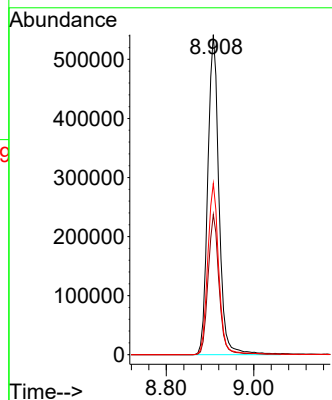
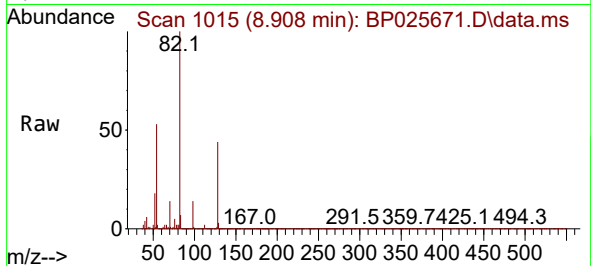




#23
Nitrobenzene-d5
Concen: 92.801 ng
RT: 8.908 min Scan# 1015
Delta R.T. -0.029 min
Lab File: BP025671.D
Acq: 05 Sep 2025 09:59

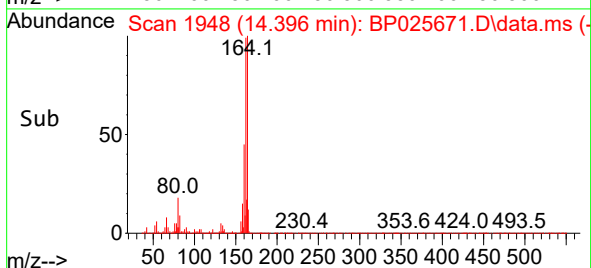
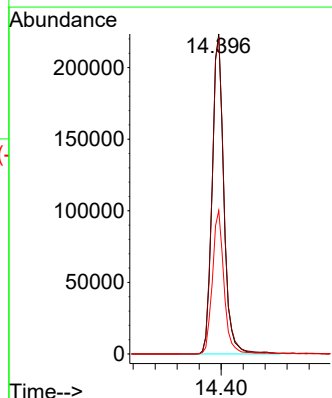
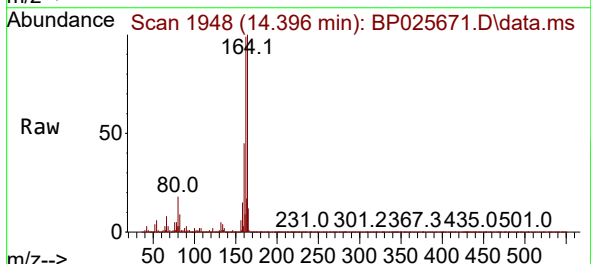
Instrument :
BNA_P
ClientSampleId :
PB169528BL

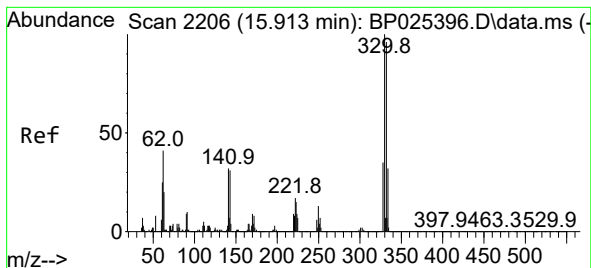
Tgt Ion: 82 Resp: 964721
Ion Ratio Lower Upper
82 100
128 43.8 37.7 56.5
54 53.5 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.396 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025671.D
Acq: 05 Sep 2025 09:59

Tgt Ion:164 Resp: 328254
Ion Ratio Lower Upper
164 100
162 99.1 81.0 121.6
160 44.8 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 160.769 ng

RT: 15.907 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025671.D

Acq: 05 Sep 2025 09:59

Instrument :

BNA_P

ClientSampleId :

PB169528BL

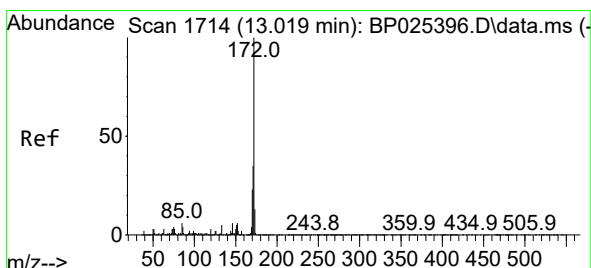
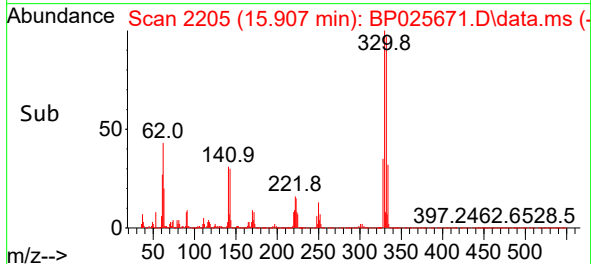
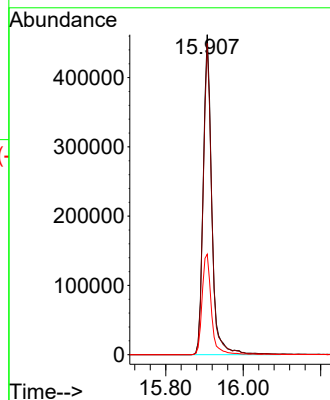
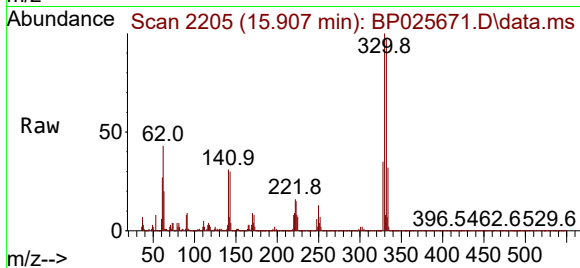
Tgt Ion:330 Resp: 710332

Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

141 33.8 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 87.529 ng

RT: 13.001 min Scan# 1711

Delta R.T. -0.017 min

Lab File: BP025671.D

Acq: 05 Sep 2025 09:59

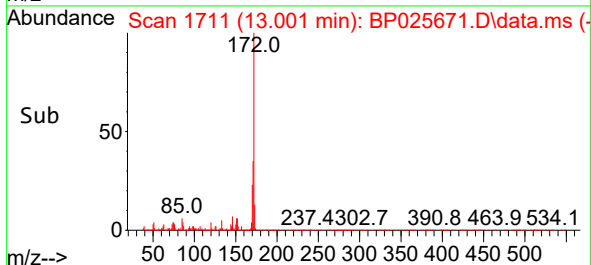
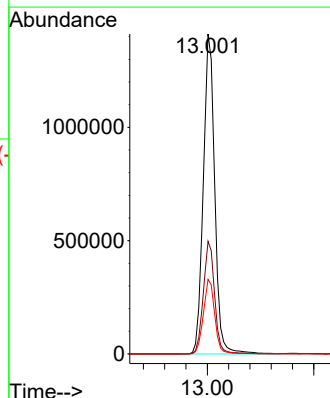
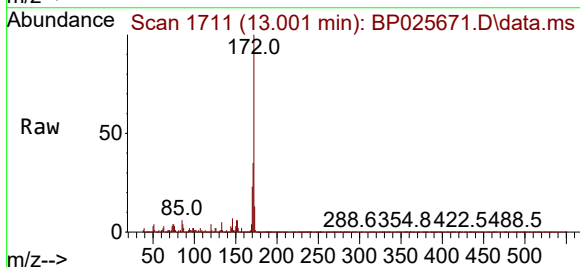
Tgt Ion:172 Resp: 2102296

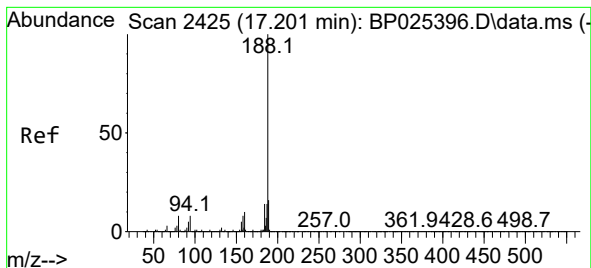
Ion Ratio Lower Upper

172 100

171 35.2 28.1 42.1

170 23.3 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: BP025671.D

Acq: 05 Sep 2025 09:59

Instrument :

BNA_P

ClientSampleId :

PB169528BL

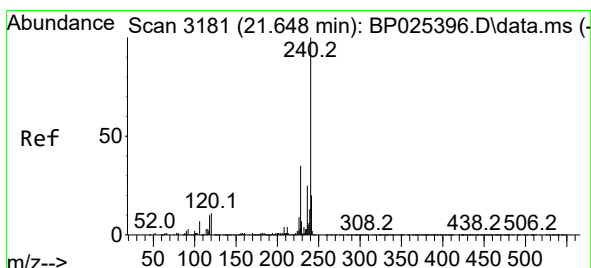
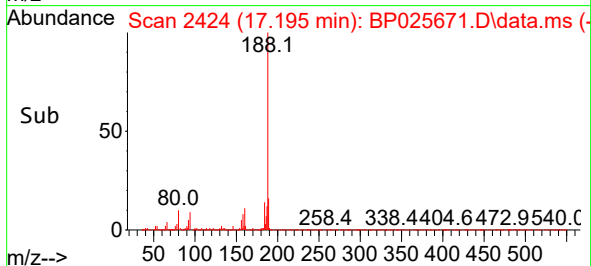
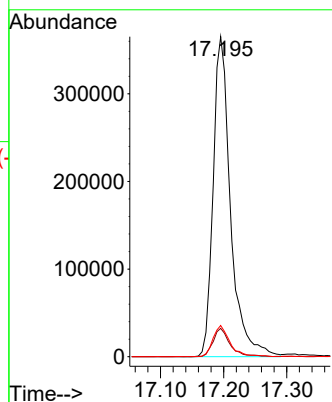
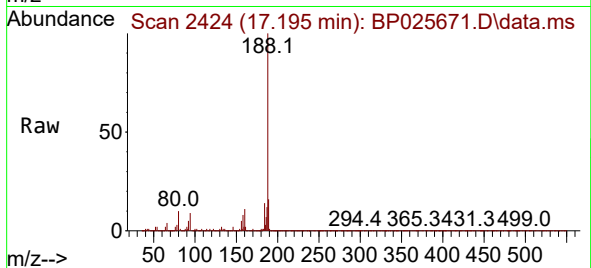
Tgt Ion:188 Resp: 698717

Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

80 9.7 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.630 min Scan# 3178

Delta R.T. -0.017 min

Lab File: BP025671.D

Acq: 05 Sep 2025 09:59

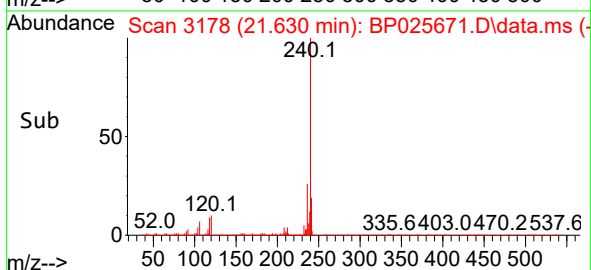
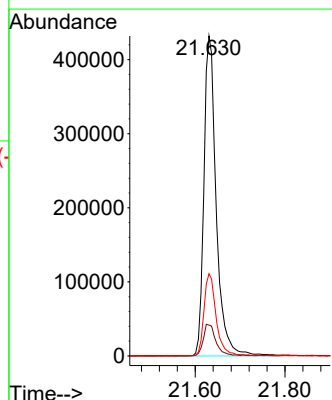
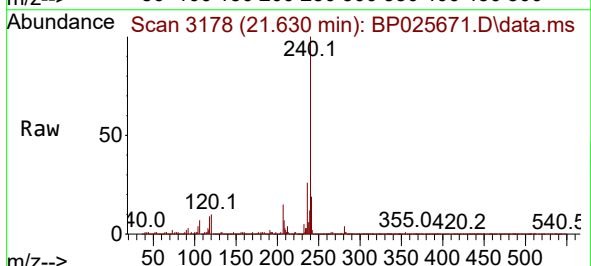
Tgt Ion:240 Resp: 823364

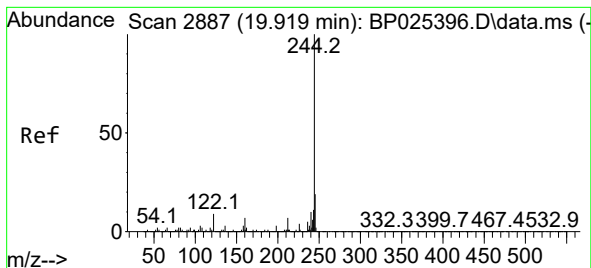
Ion Ratio Lower Upper

240 100

120 9.7 8.9 13.3

236 25.7 19.8 29.8





#79

Terphenyl-d14

Concen: 89.933 ng

RT: 19.913 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025671.D

Acq: 05 Sep 2025 09:59

Instrument :

BNA_P

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PB169528BL

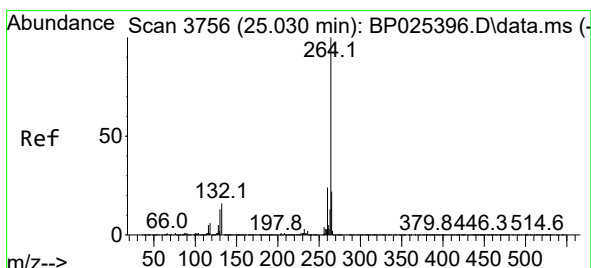
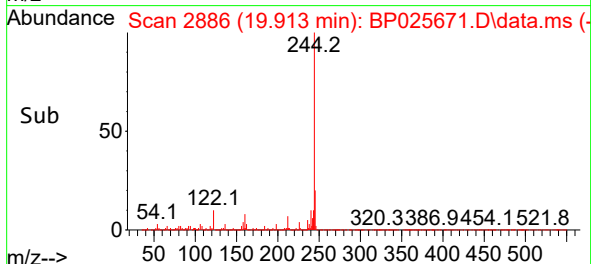
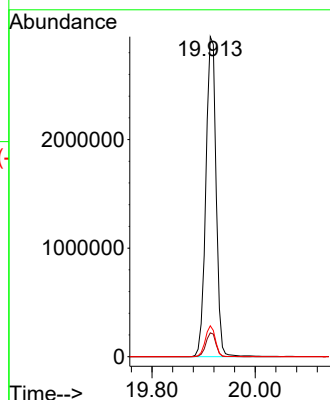
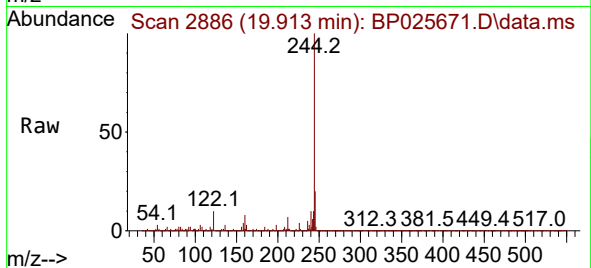
Tgt Ion:244 Resp: 4047257

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

122 9.7 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: BP025671.D

Acq: 05 Sep 2025 09:59

Tgt Ion:264 Resp: 878689

Ion Ratio Lower Upper

264 100

260 23.4 19.3 28.9

265 21.9 17.4 26.0

