

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
 Data File : BP025638.D
 Acq On : 02 Sep 2025 14:48
 Operator : CG/JU
 Sample : PB169490BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169490BL

Quant Time: Sep 02 15:27:55 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	157709	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	608151	20.000	ng	-0.02
39) Acenaphthene-d10	14.384	164	383160	20.000	ng	-0.02
64) Phenanthrene-d10	17.183	188	807780	20.000	ng	-0.02
76) Chrysene-d12	21.636	240	885393	20.000	ng	-0.01
86) Perylene-d12	25.007	264	953052	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	1387138	146.068	ng	0.00
7) Phenol-d6	6.960	99	1655586	135.978	ng	0.00
23) Nitrobenzene-d5	8.913	82	1092629	90.884	ng	-0.02
42) 2,4,6-Tribromophenol	15.895	330	811591	157.365	ng	-0.02
45) 2-Fluorobiphenyl	13.001	172	2450460	87.405	ng	-0.02
79) Terphenyl-d14	19.907	244	4407814	91.083	ng	-0.01

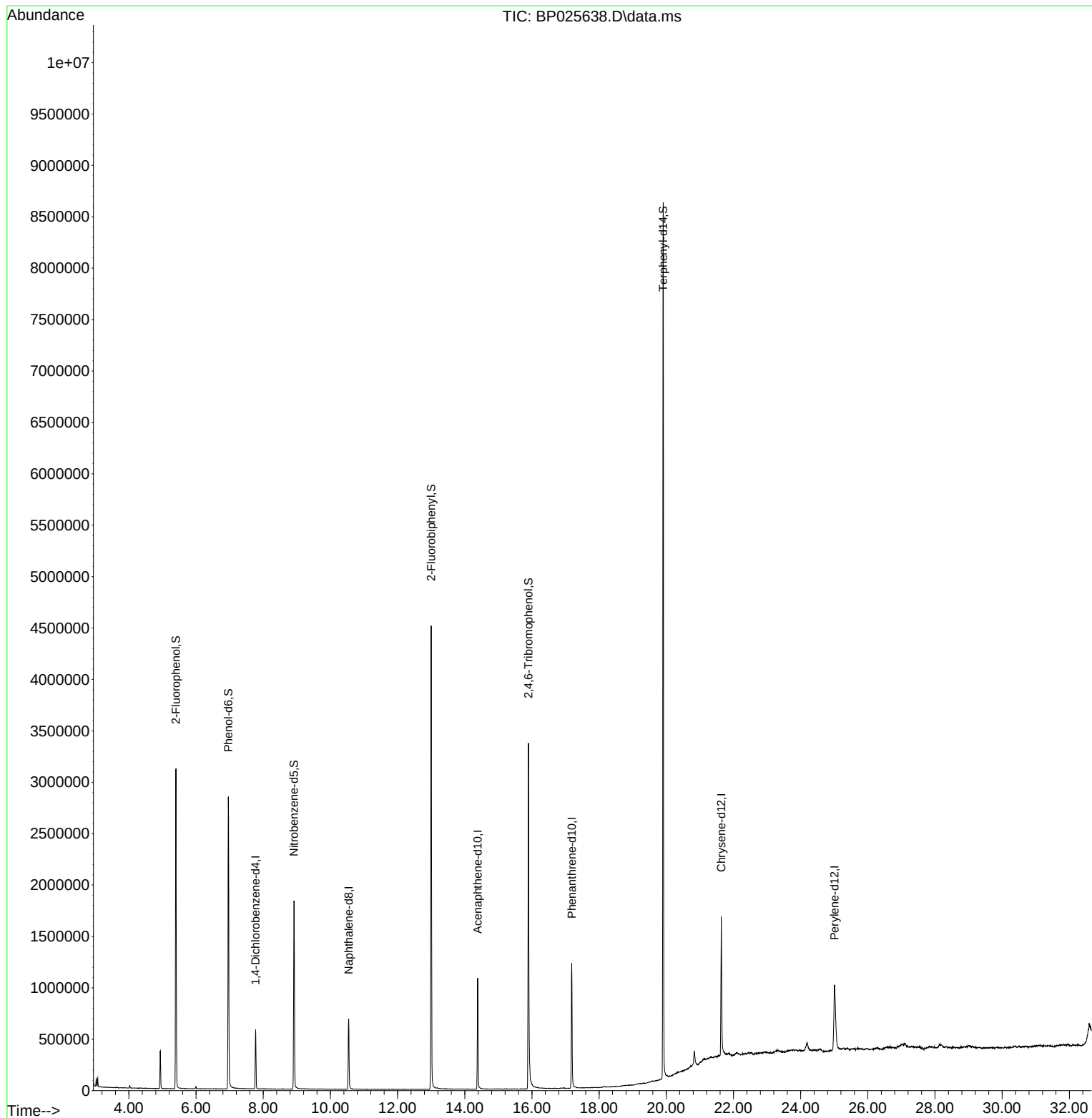
Target Compounds	Qvalue

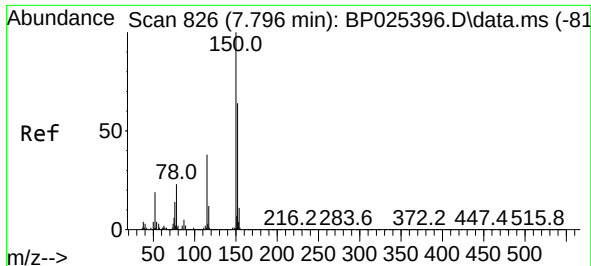
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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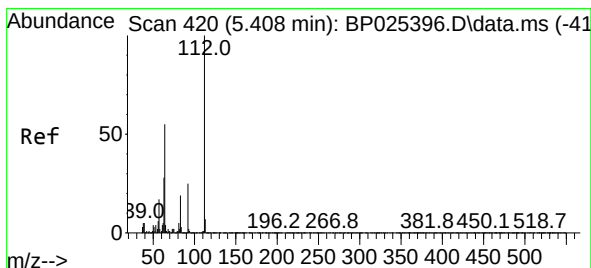
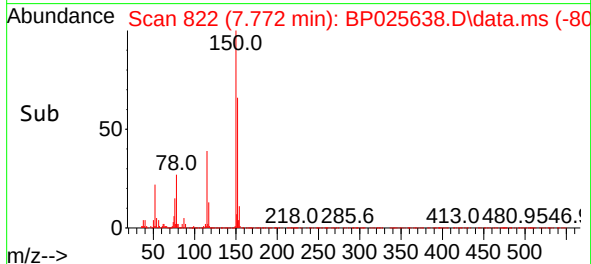
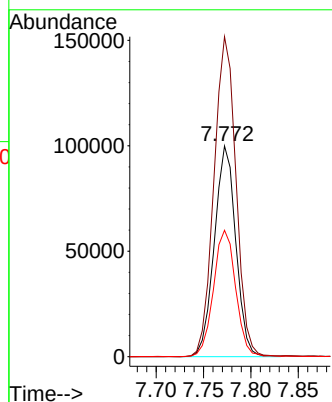
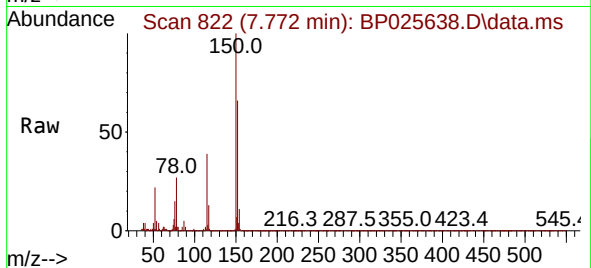




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 81
Delta R.T. -0.024 min
Lab File: BP025638.D
Acq: 02 Sep 2025 14:48

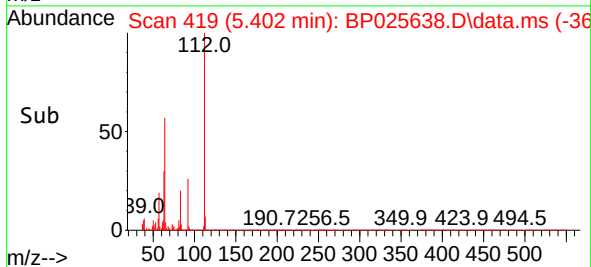
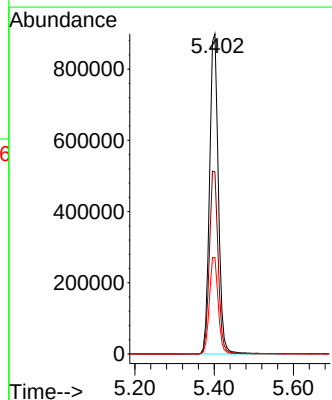
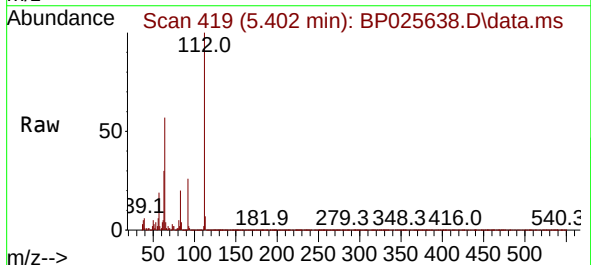
Instrument :
BNA_P
ClientSampleId :
PB169490BL

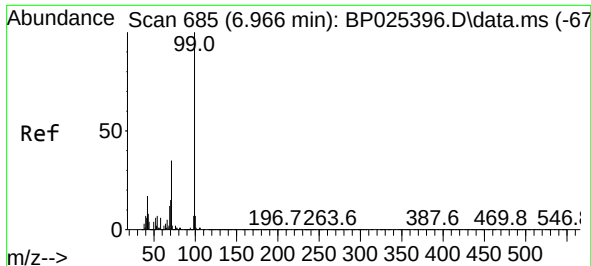
Tgt Ion:152 Resp: 157709
Ion Ratio Lower Upper
152 100
150 151.8 125.9 188.9
115 60.0 48.5 72.7



#5
2-Fluorophenol
Concen: 146.068 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025638.D
Acq: 02 Sep 2025 14:48

Tgt Ion:112 Resp: 1387138
Ion Ratio Lower Upper
112 100
64 56.9 43.8 65.8
63 30.2 22.7 34.1



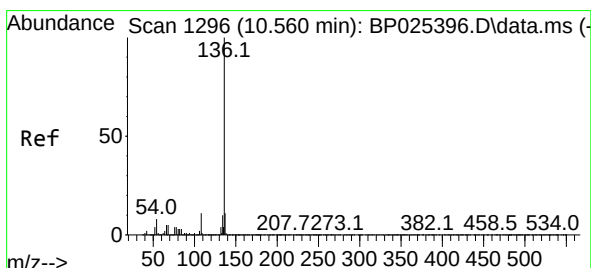
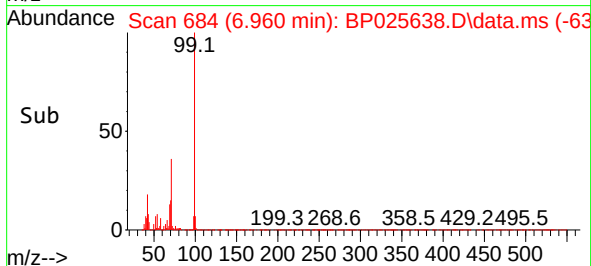
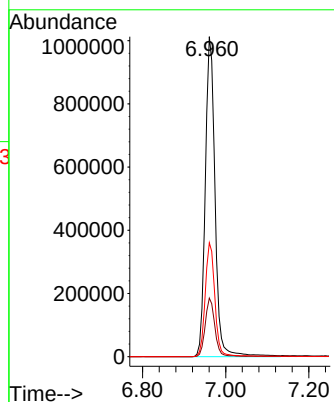
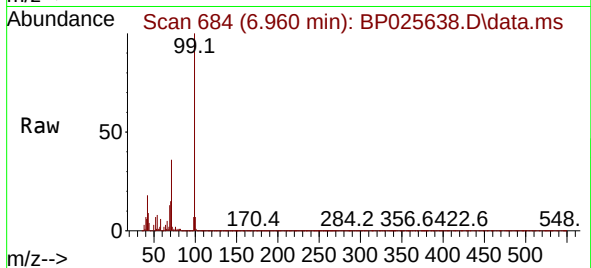


#7
Phenol-d6
Concen: 135.978 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025638.D
Acq: 02 Sep 2025 14:48

Instrument :
BNA_P
ClientSampleId :
PB169490BL

Tgt Ion: 99 Resp: 1655586

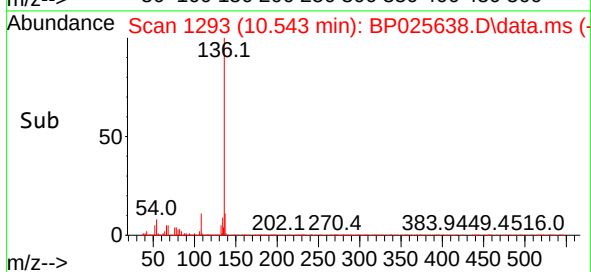
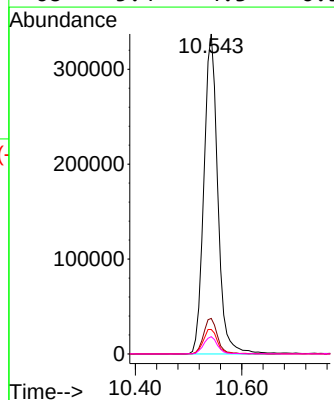
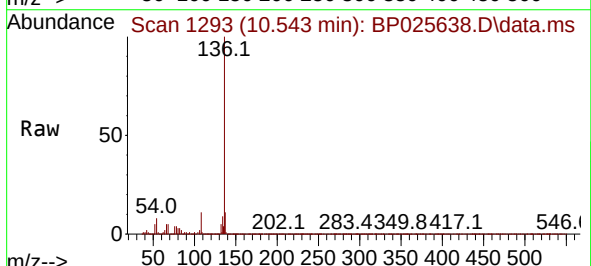
Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.7	20.5
71	35.6	28.2	42.4

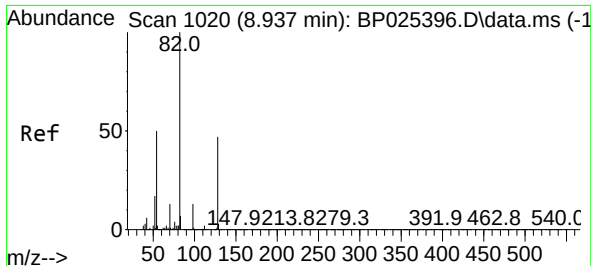


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025638.D
Acq: 02 Sep 2025 14:48

Tgt Ion: 136 Resp: 608151

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	7.6	6.0	9.0
68	5.4	4.3	6.5

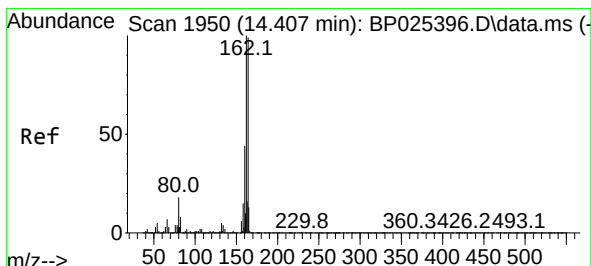
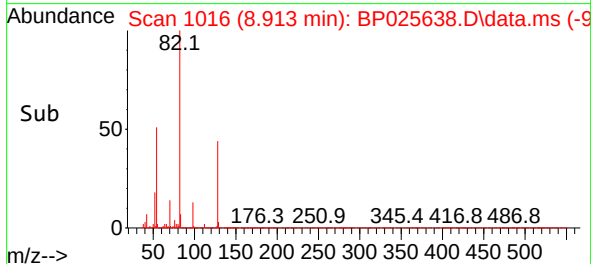
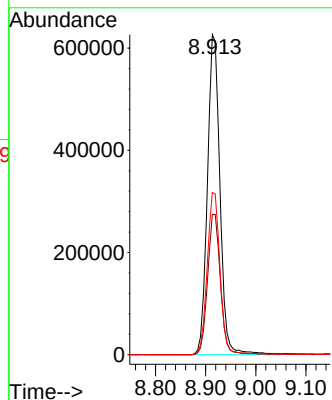
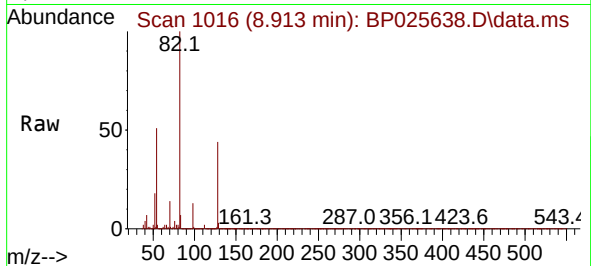




#23
Nitrobenzene-d5
Concen: 90.884 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.024 min
Lab File: BP025638.D
Acq: 02 Sep 2025 14:48

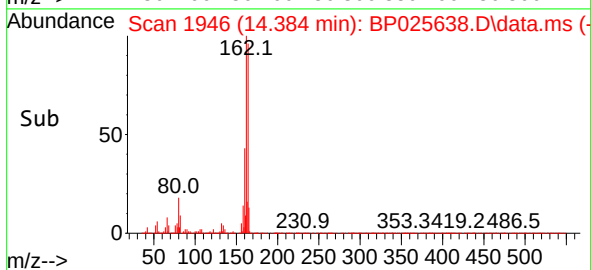
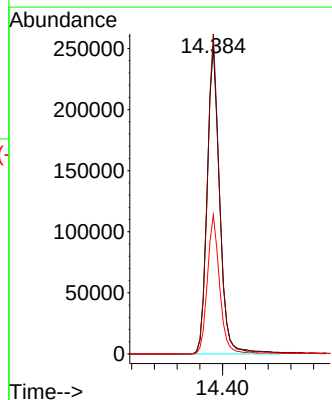
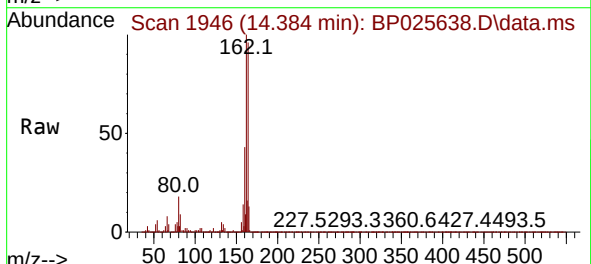
Instrument :
BNA_P
ClientSampleId :
PB169490BL

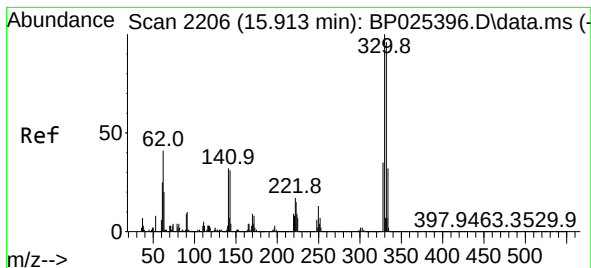
Tgt Ion: 82 Resp: 1092629
Ion Ratio Lower Upper
82 100
128 43.9 37.7 56.5
54 50.7 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.384 min Scan# 1946
Delta R.T. -0.024 min
Lab File: BP025638.D
Acq: 02 Sep 2025 14:48

Tgt Ion:164 Resp: 383160
Ion Ratio Lower Upper
164 100
162 104.0 81.0 121.6
160 45.2 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 157.365 ng

RT: 15.895 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP025638.D

Acq: 02 Sep 2025 14:48

Instrument :

BNA_P

ClientSampleId :

PB169490BL

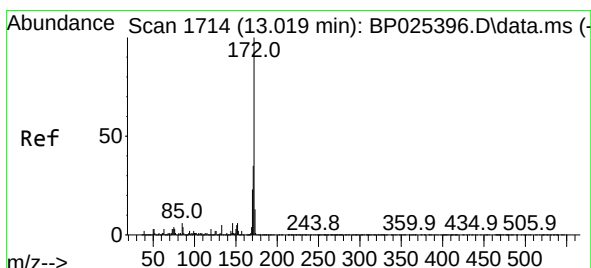
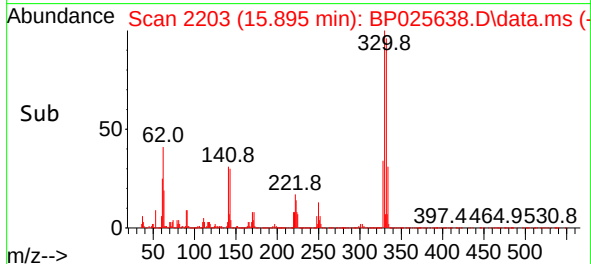
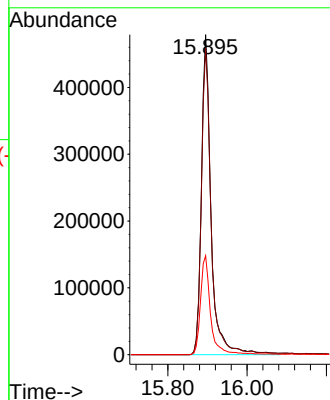
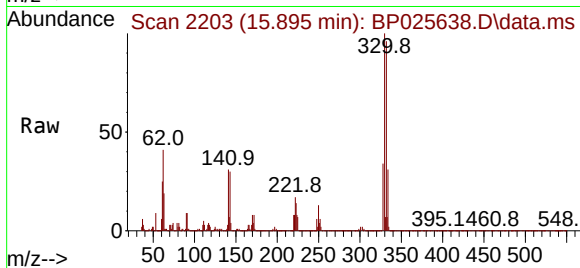
Tgt Ion:330 Resp: 811591

Ion Ratio Lower Upper

330 100

332 95.2 77.3 115.9

141 32.2 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 87.405 ng

RT: 13.001 min Scan# 1711

Delta R.T. -0.018 min

Lab File: BP025638.D

Acq: 02 Sep 2025 14:48

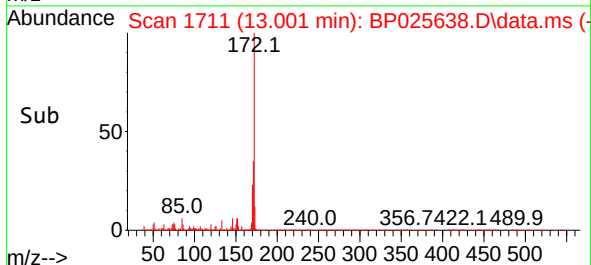
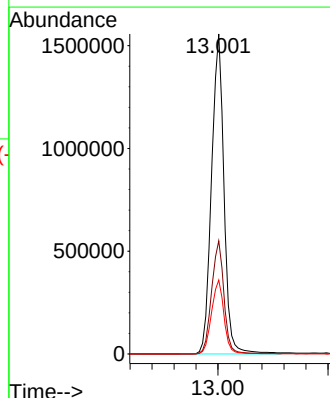
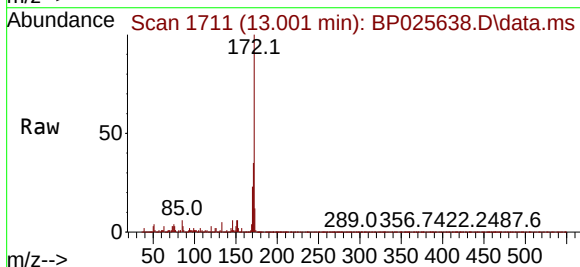
Tgt Ion:172 Resp: 2450460

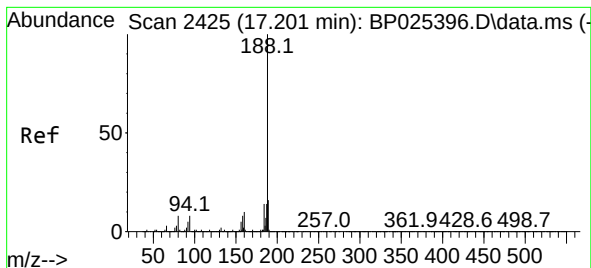
Ion Ratio Lower Upper

172 100

171 35.4 28.1 42.1

170 23.1 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.183 min Scan# 2422

Delta R.T. -0.018 min

Lab File: BP025638.D

Acq: 02 Sep 2025 14:48

Instrument :

BNA_P

ClientSampleId :

PB169490BL

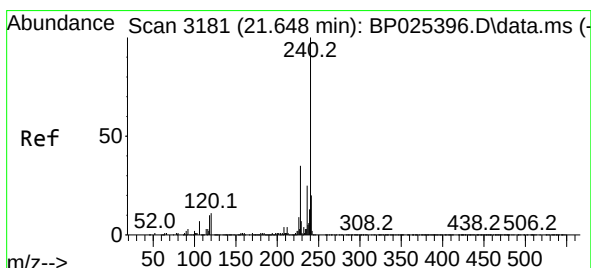
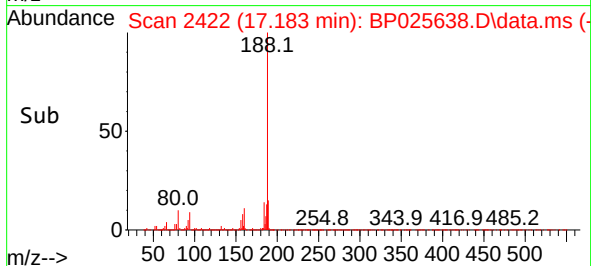
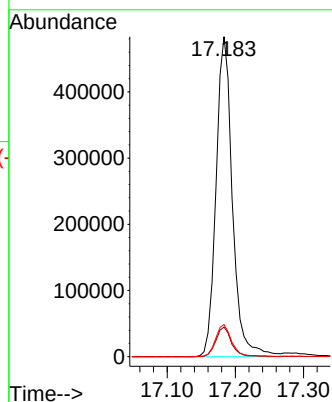
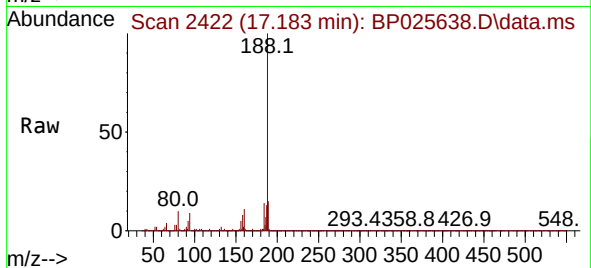
Tgt Ion:188 Resp: 807780

Ion Ratio Lower Upper

188 100

94 9.3 6.6 10.0

80 10.0 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.636 min Scan# 3179

Delta R.T. -0.012 min

Lab File: BP025638.D

Acq: 02 Sep 2025 14:48

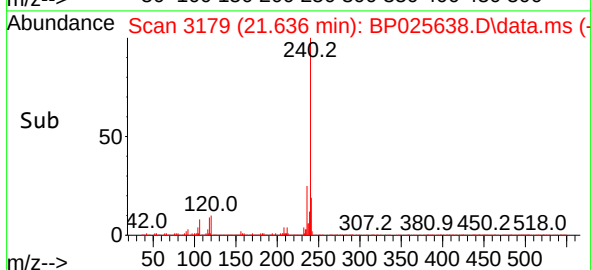
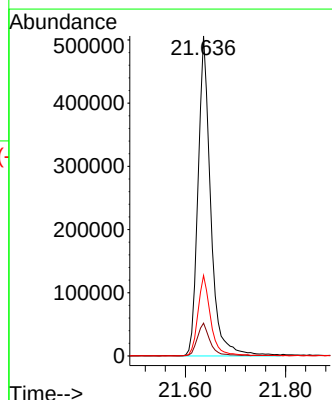
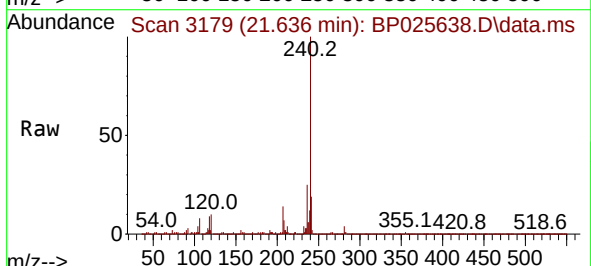
Tgt Ion:240 Resp: 885393

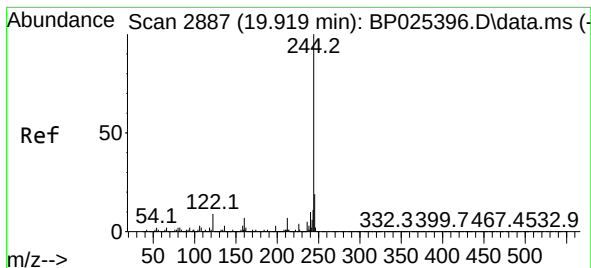
Ion Ratio Lower Upper

240 100

120 10.2 8.9 13.3

236 25.2 19.8 29.8





#79

Terphenyl-d14

Concen: 91.083 ng

RT: 19.907 min Scan# 2

Delta R.T. -0.012 min

Lab File: BP025638.D

Acq: 02 Sep 2025 14:48

Instrument :

BNA_P

ClientSampleId :

PB169490BL

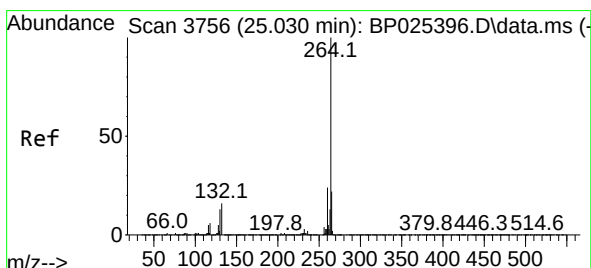
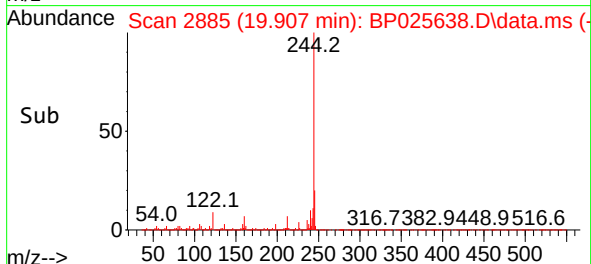
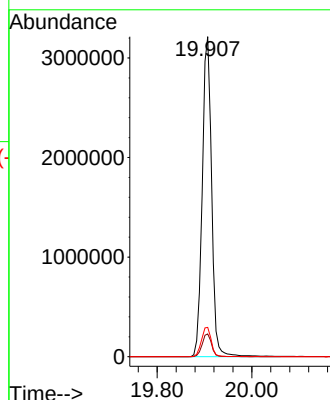
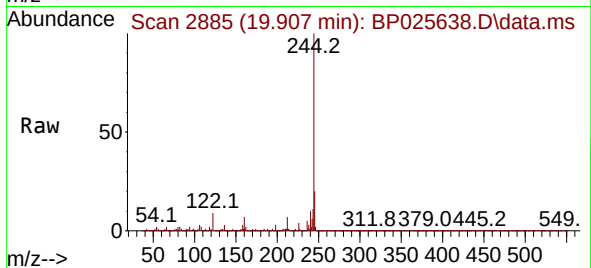
Tgt Ion:244 Resp: 4407814

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 9.2 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.007 min Scan# 3752

Delta R.T. -0.024 min

Lab File: BP025638.D

Acq: 02 Sep 2025 14:48

Tgt Ion:264 Resp: 953052

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 22.0 17.4 26.0

