

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
 Data File : BP025776.D
 Acq On : 17 Sep 2025 21:56
 Operator : CG/JU
 Sample : PB169719BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169719BL

Quant Time: Sep 18 14:16:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

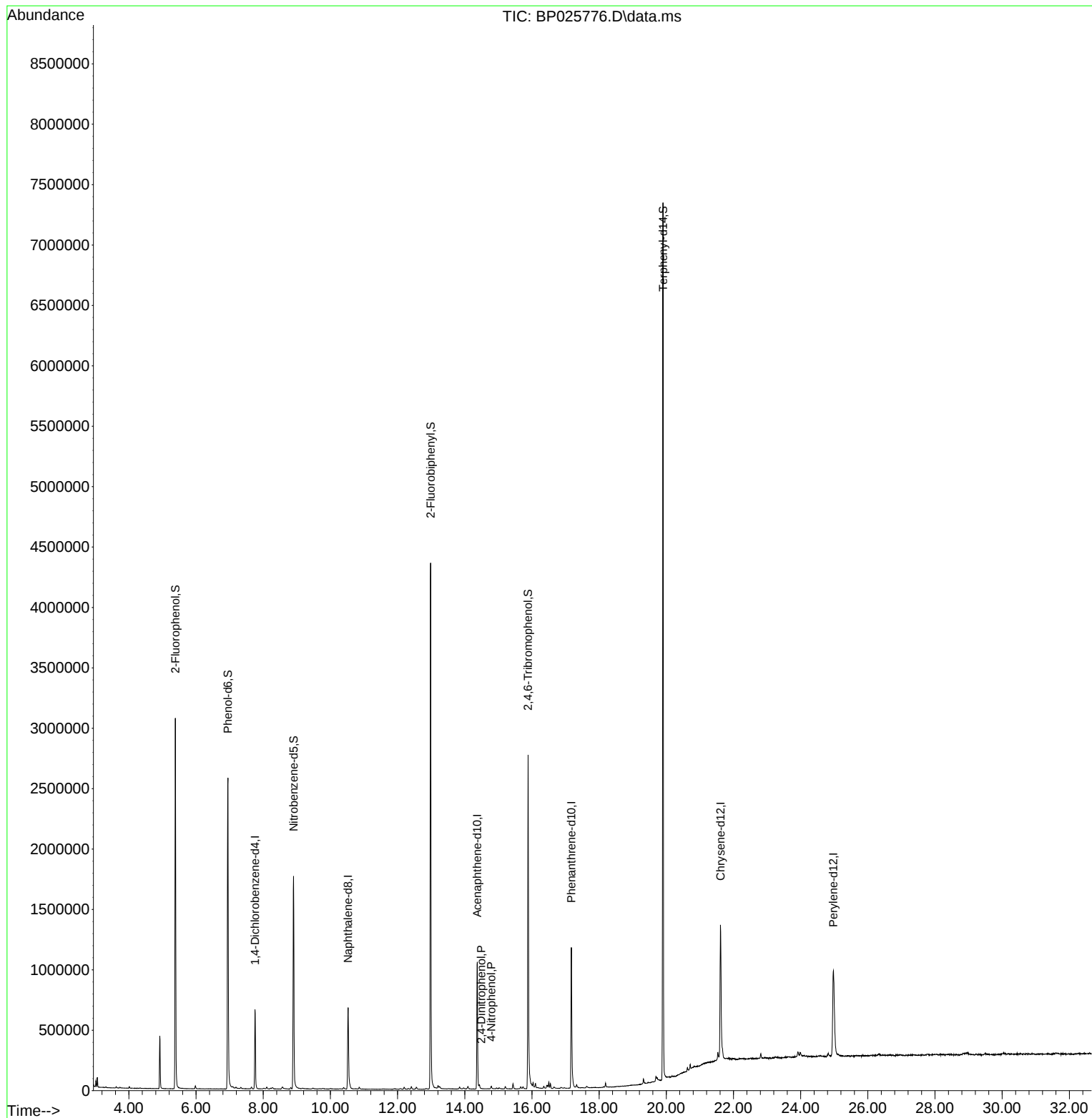
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	179386	20.000	ng	0.00
21) Naphthalene-d8	10.525	136	669415	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	415180	20.000	ng	0.00
64) Phenanthrene-d10	17.172	188	826588	20.000	ng	-0.01
76) Chrysene-d12	21.613	240	912511	20.000	ng	-0.03
86) Perylene-d12	24.971	264	985422	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1321221	118.842	ng	0.00
7) Phenol-d6	6.949	99	1609379	108.910	ng	0.00
23) Nitrobenzene-d5	8.901	82	1113438	73.370	ng	0.00
42) 2,4,6-Tribromophenol	15.883	330	574835	111.003	ng	-0.02
45) 2-Fluorobiphenyl	12.984	172	2342096	75.112	ng	0.00
79) Terphenyl-d14	19.901	244	3637790	71.718	ng	-0.01
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.489	184	16	4.828	ng	# 1
56) 4-Nitrophenol	14.789	139	5978	5.410	ng	# 6

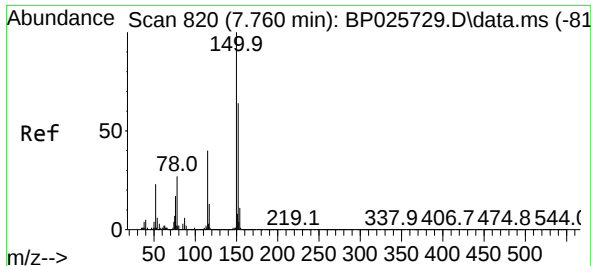
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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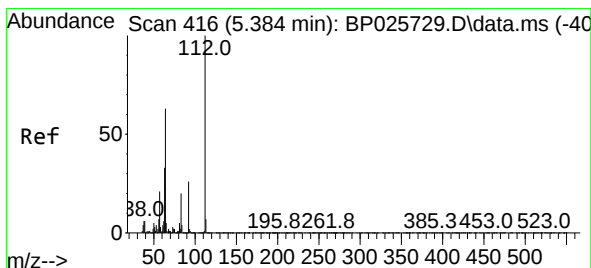
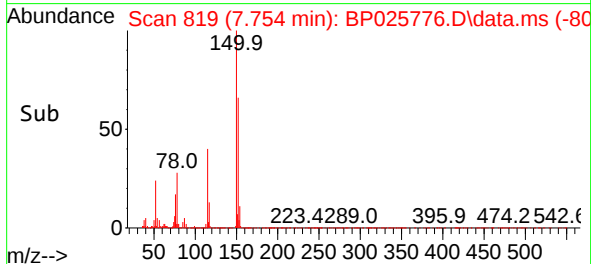
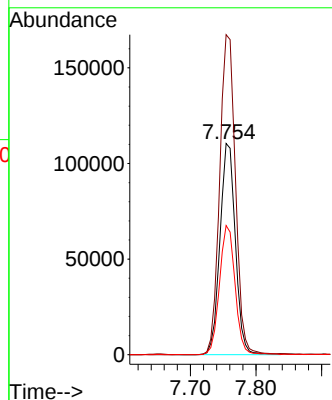
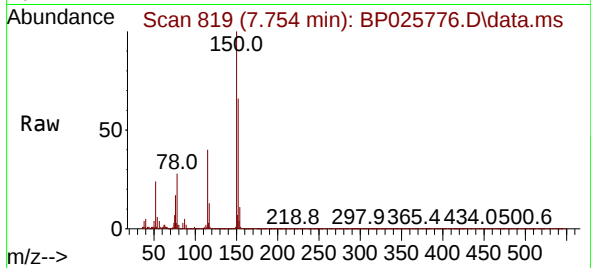




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.754 min Scan# 819
Delta R.T. -0.006 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

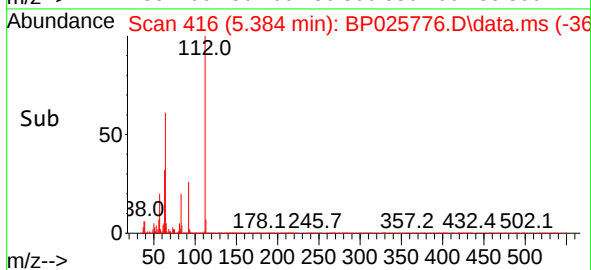
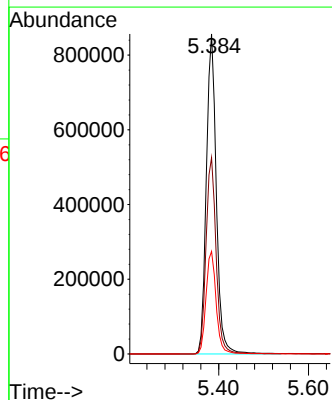
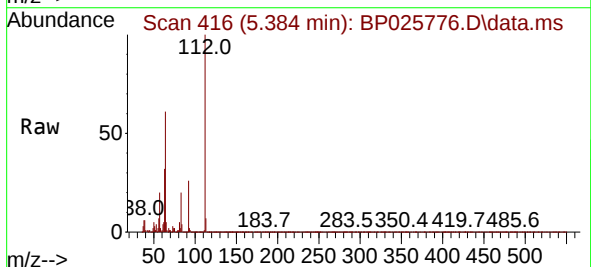
Instrument :
BNA_P
ClientSampleId :
PB169719BL

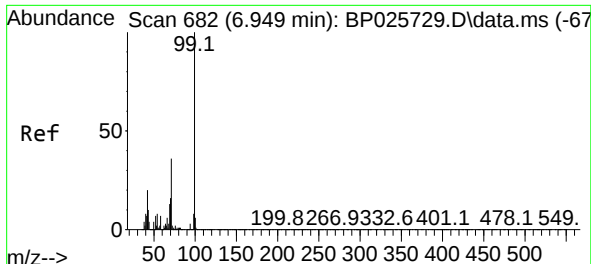
Tgt Ion:152 Resp: 179386
Ion Ratio Lower Upper
152 100
150 151.6 124.3 186.5
115 61.2 50.3 75.5



#5
2-Fluorophenol
Concen: 118.842 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Tgt Ion:112 Resp: 1321221
Ion Ratio Lower Upper
112 100
64 61.4 50.2 75.4
63 32.1 26.7 40.1

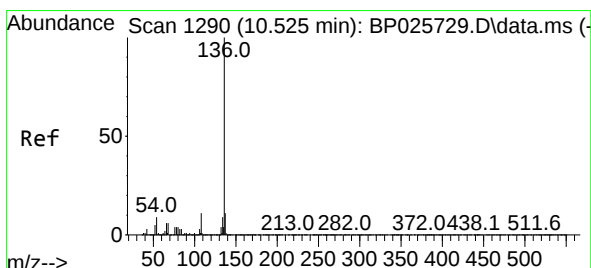
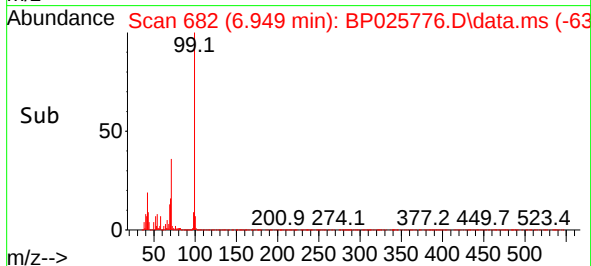
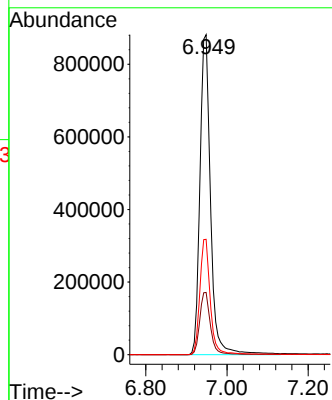
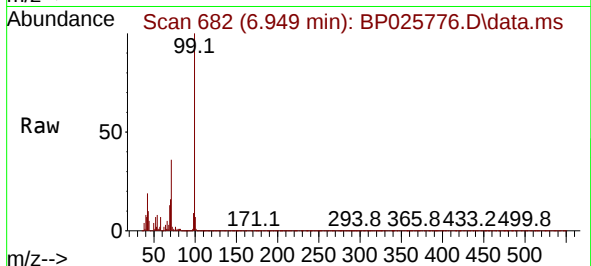




#7
Phenol-d6
Concen: 108.910 ng
RT: 6.949 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

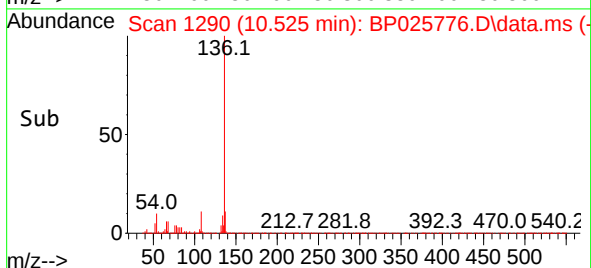
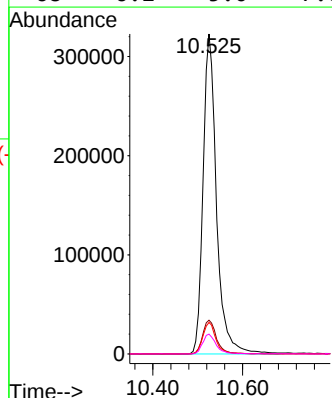
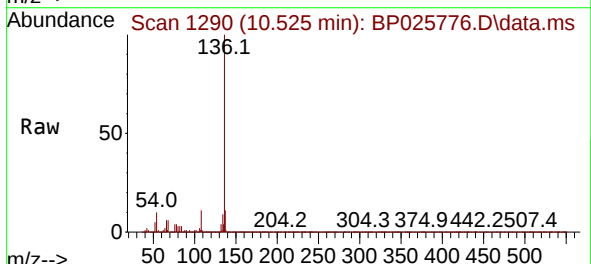
Instrument :
BNA_P
ClientSampleId :
PB169719BL

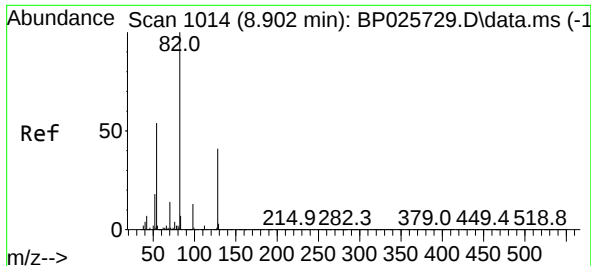
Tgt Ion: 99 Resp: 1609379
Ion Ratio Lower Upper
99 100
42 19.5 15.6 23.4
71 36.0 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.525 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Tgt Ion:136 Resp: 669415
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 9.8 7.5 11.3
68 6.2 5.0 7.6

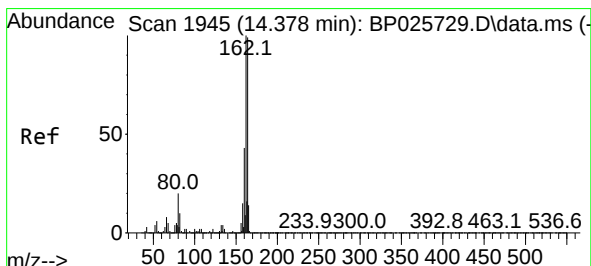
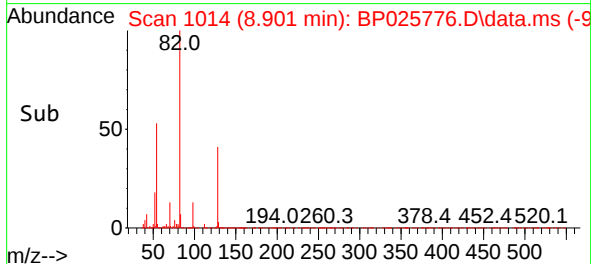
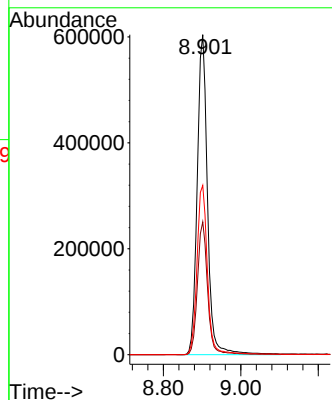
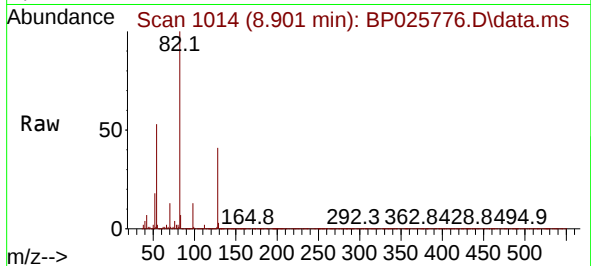




#23
Nitrobenzene-d5
Concen: 73.370 ng
RT: 8.901 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

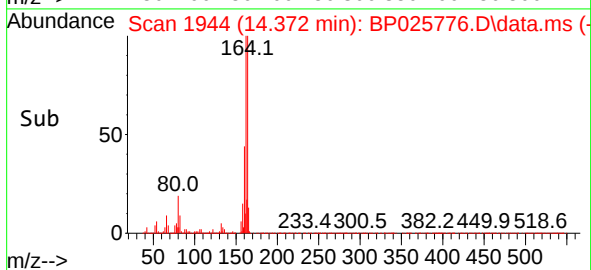
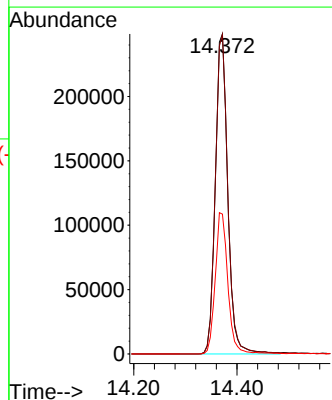
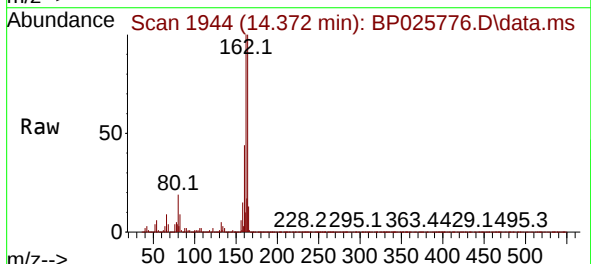
Instrument :
BNA_P
ClientSampleId :
PB169719BL

Tgt Ion: 82 Resp: 1113438
Ion Ratio Lower Upper
82 100
128 41.5 32.9 49.3
54 52.9 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Tgt Ion:164 Resp: 415180
Ion Ratio Lower Upper
164 100
162 99.9 80.6 120.8
160 43.7 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 111.003 ng

RT: 15.883 min Scan# 21

Delta R.T. -0.024 min

Lab File: BP025776.D

Acq: 17 Sep 2025 21:56

Instrument :

BNA_P

ClientSampleId :

PB169719BL

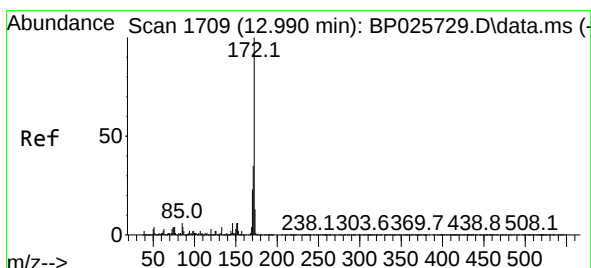
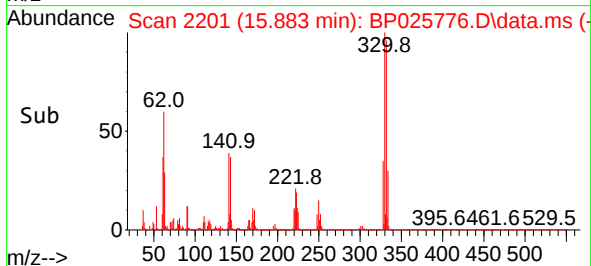
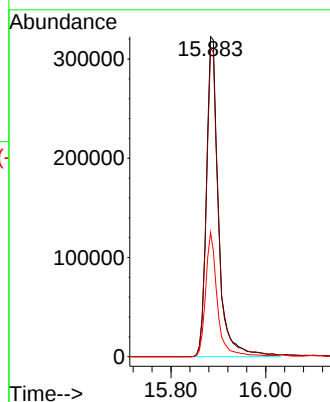
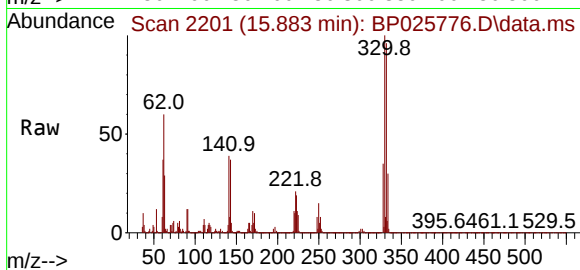
Tgt Ion:330 Resp: 574835

Ion Ratio Lower Upper

330 100

332 97.5 76.9 115.3

141 37.6 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 75.112 ng

RT: 12.984 min Scan# 1708

Delta R.T. -0.006 min

Lab File: BP025776.D

Acq: 17 Sep 2025 21:56

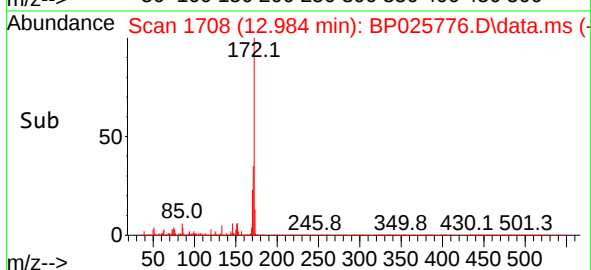
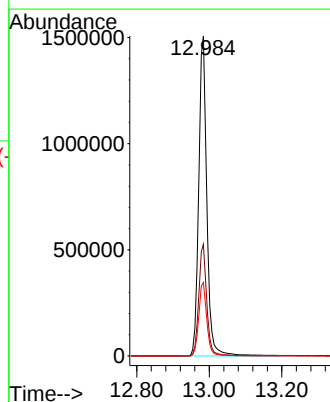
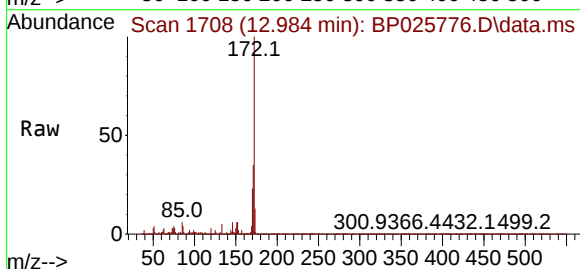
Tgt Ion:172 Resp: 2342096

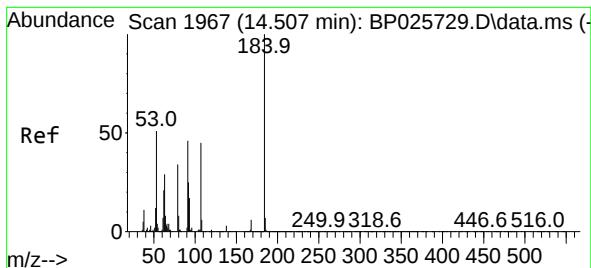
Ion Ratio Lower Upper

172 100

171 34.9 27.8 41.6

170 23.0 18.6 27.8





#54

2,4-Dinitrophenol

Concen: 4.828 ng

RT: 14.489 min Scan# 1967

Delta R.T. -0.018 min

Lab File: BP025776.D

Acq: 17 Sep 2025 21:56

Instrument :

BNA_P

ClientSampleId :

PB169719BL

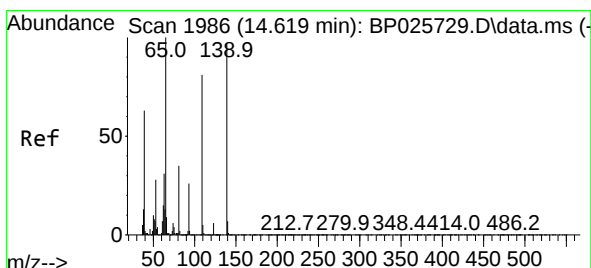
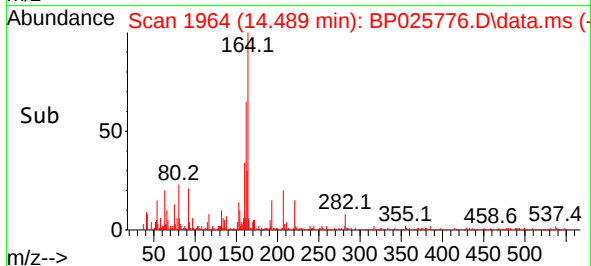
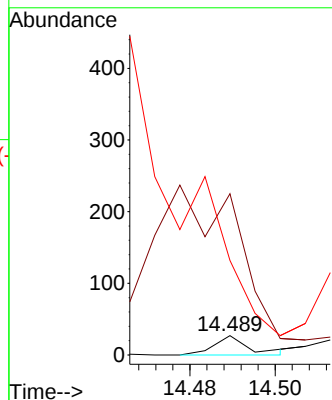
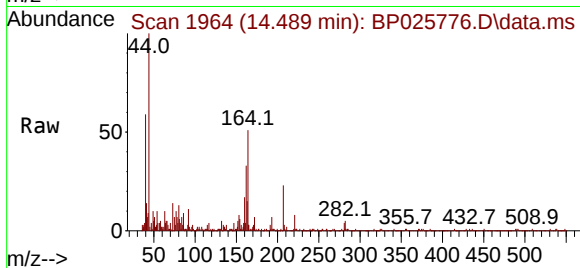
Tgt Ion:184 Resp: 16

Ion Ratio Lower Upper

184 100

63 833.3 52.5 78.7#

154 488.9 51.5 77.3#



#56

4-Nitrophenol

Concen: 5.410 ng

RT: 14.789 min Scan# 2015

Delta R.T. 0.170 min

Lab File: BP025776.D

Acq: 17 Sep 2025 21:56

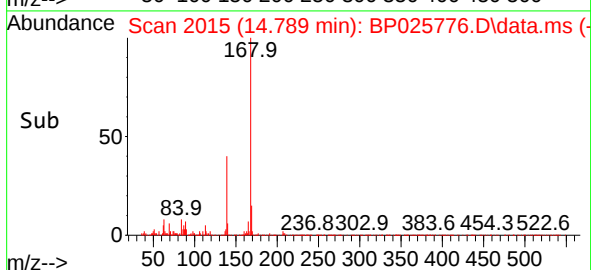
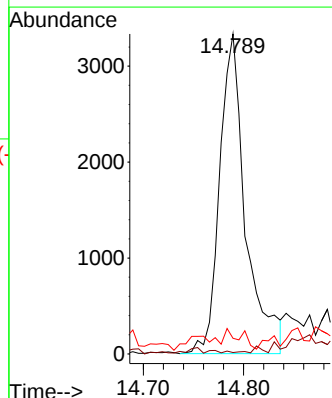
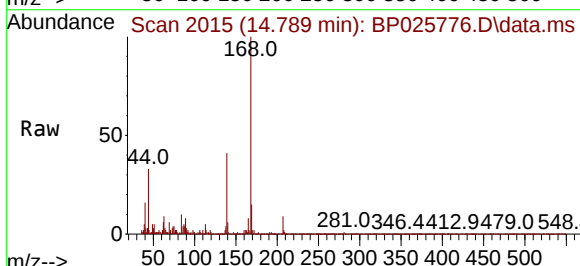
Tgt Ion:139 Resp: 5978

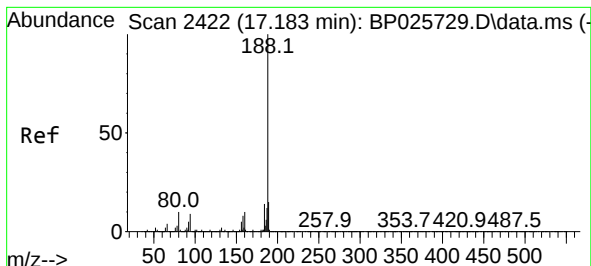
Ion Ratio Lower Upper

139 100

109 0.4 62.9 102.9#

65 4.9 83.4 123.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.172 min Scan# 24

Delta R.T. -0.012 min

Lab File: BP025776.D

Acq: 17 Sep 2025 21:56

Instrument :

BNA_P

ClientSampleId :

PB169719BL

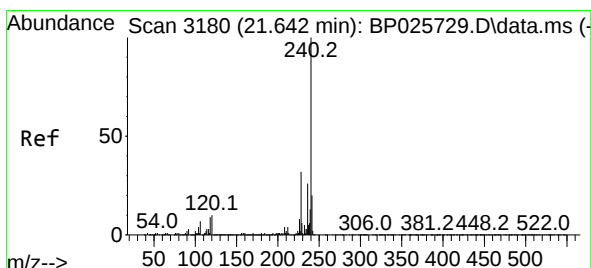
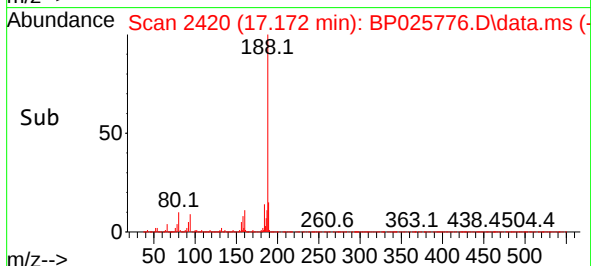
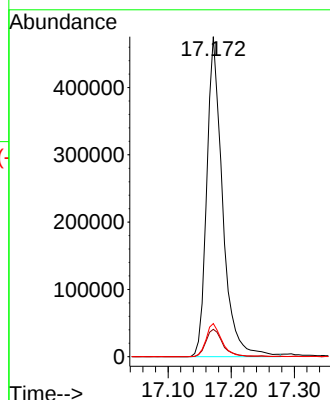
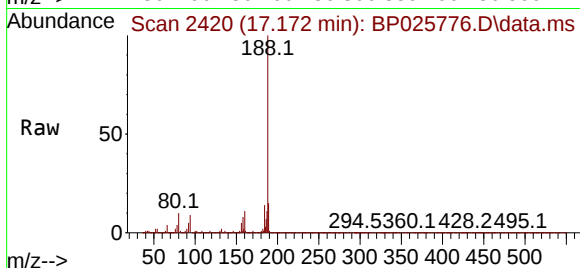
Tgt Ion:188 Resp: 826588

Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.0

80 10.3 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.613 min Scan# 3175

Delta R.T. -0.030 min

Lab File: BP025776.D

Acq: 17 Sep 2025 21:56

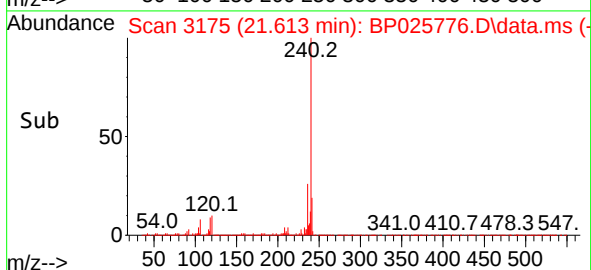
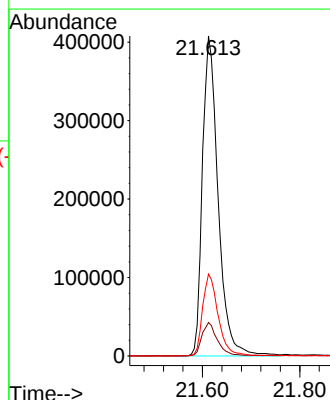
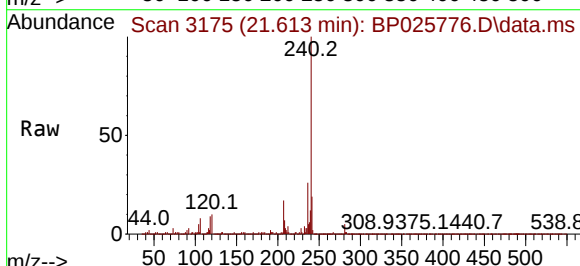
Tgt Ion:240 Resp: 912511

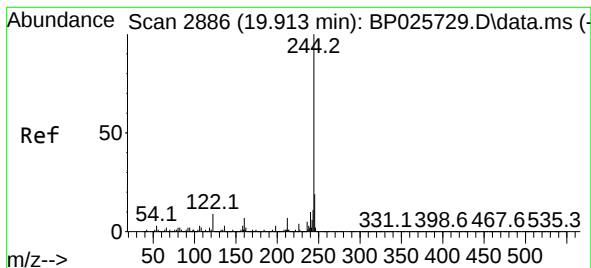
Ion Ratio Lower Upper

240 100

120 10.4 8.0 12.0

236 25.6 20.7 31.1





#79

Terphenyl-d14

Concen: 71.718 ng

RT: 19.901 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025776.D

Acq: 17 Sep 2025 21:56

Instrument :

BNA_P

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PB169719BL

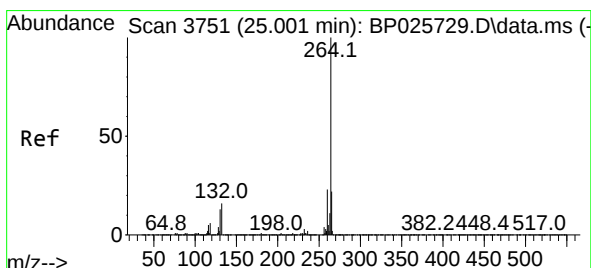
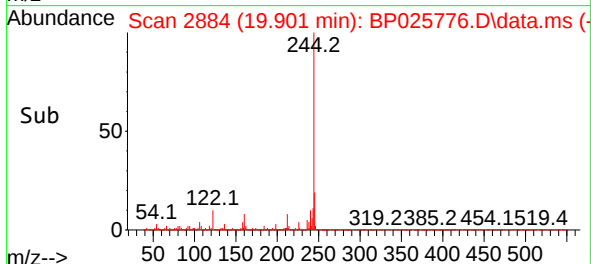
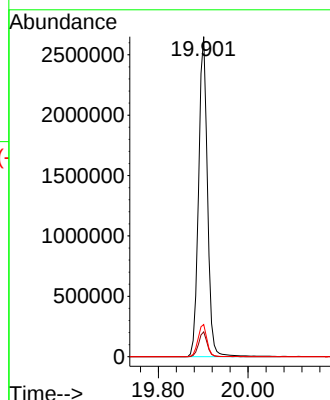
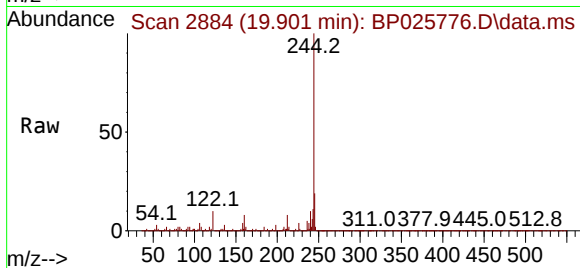
Tgt Ion:244 Resp: 3637790

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

122 10.0 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.971 min Scan# 3746

Delta R.T. -0.030 min

Lab File: BP025776.D

Acq: 17 Sep 2025 21:56

Tgt Ion:264 Resp: 985422

Ion Ratio Lower Upper

264 100

260 23.6 18.3 27.5

265 22.5 17.3 25.9

