

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092325\
 Data File : BP025832.D
 Acq On : 23 Sep 2025 16:37
 Operator : CG/JU
 Sample : Q3145-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP-A

Quant Time: Sep 23 17:03:21 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)

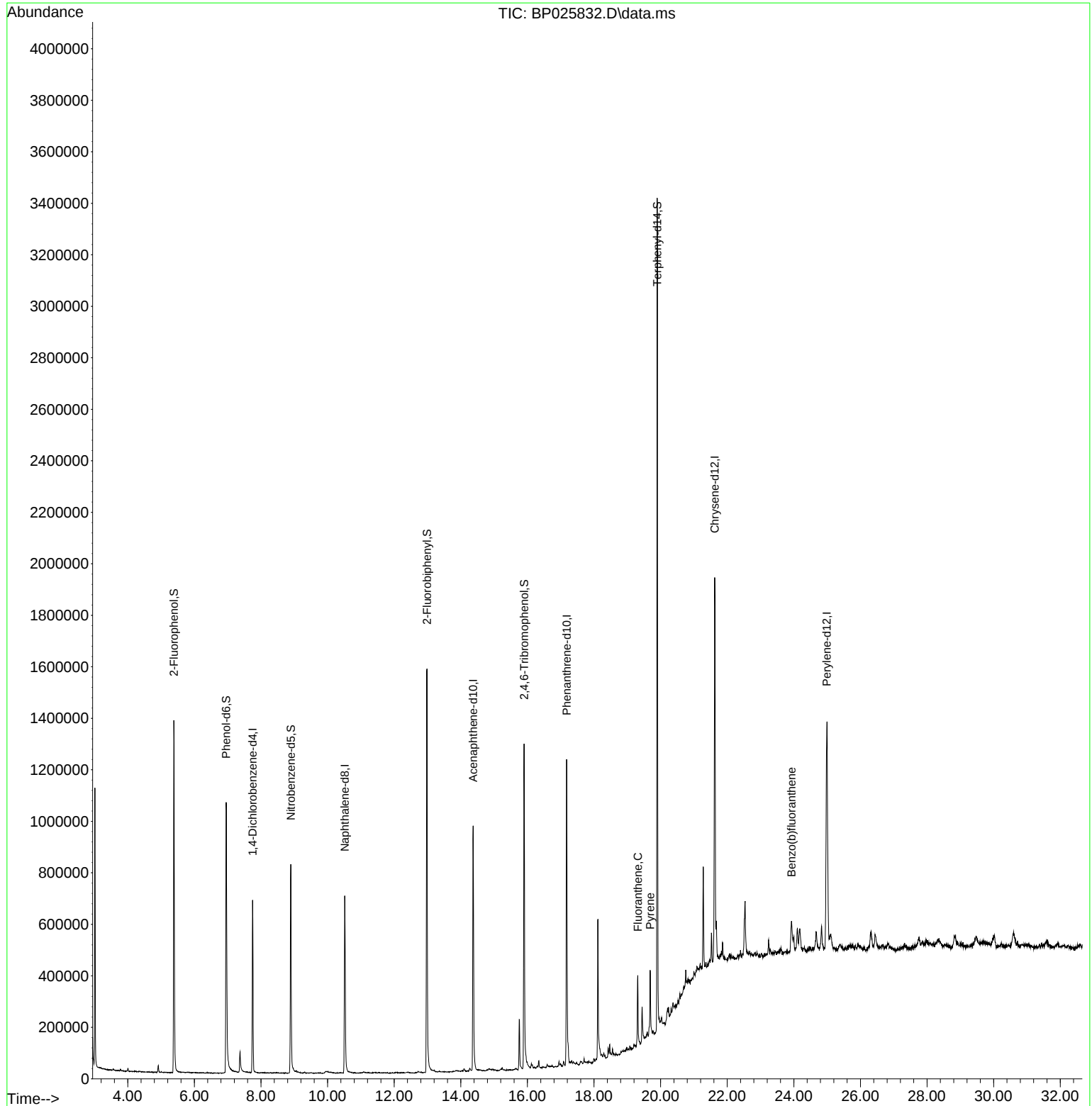
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	178875	20.000	ng	-0.01
21) Naphthalene-d8	10.513	136	667805	20.000	ng	-0.01
39) Acenaphthene-d10	14.372	164	412502	20.000	ng	0.00
64) Phenanthrene-d10	17.177	188	824237	20.000	ng	0.00
76) Chrysene-d12	21.624	240	953215	20.000	ng	-0.02
86) Perylene-d12	24.989	264	1080999	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	634544	57.239	ng	0.00
7) Phenol-d6	6.955	99	764932	51.912	ng	0.00
23) Nitrobenzene-d5	8.896	82	521742	34.463	ng	0.00
42) 2,4,6-Tribromophenol	15.901	330	278524	54.133	ng	0.00
45) 2-Fluorobiphenyl	12.984	172	1023417	33.035	ng	0.00
79) Terphenyl-d14	19.895	244	1643464	31.017	ng	-0.02
Target Compounds						
75) Fluoranthene	19.313	202	156968	2.799	ng	Qvalue 98
78) Pyrene	19.689	202	153412	2.412	ng	100
88) Benzo(b)fluoranthene	23.930	252	145705	2.204	ng	# 94

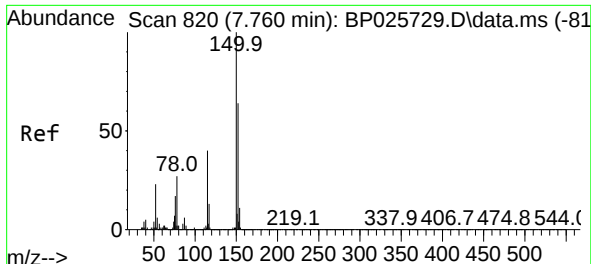
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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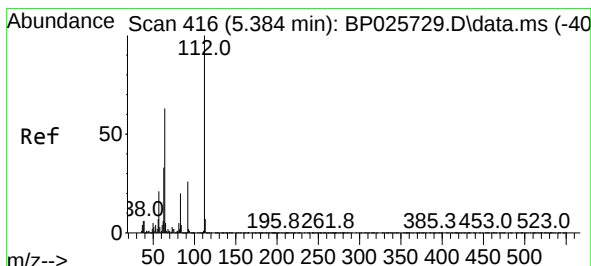
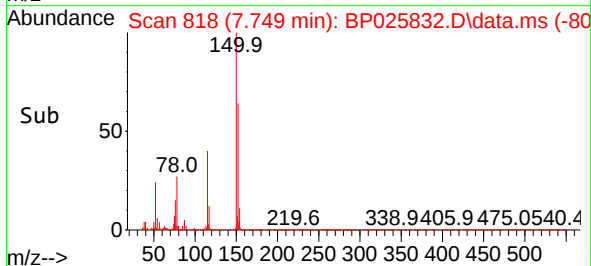
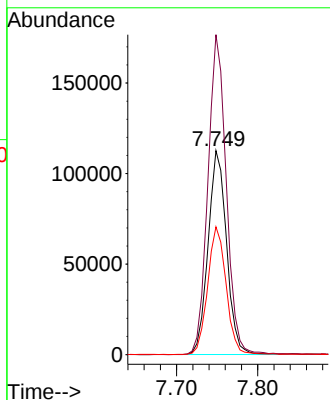
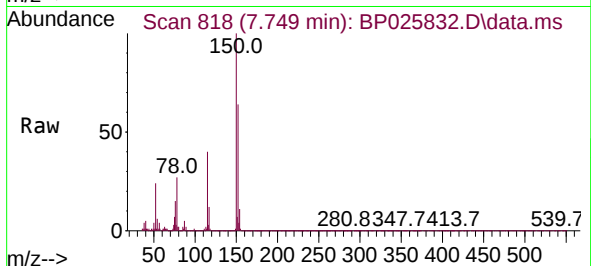




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.749 min Scan# 81
 Delta R.T. -0.011 min
 Lab File: BP025832.D
 Acq: 23 Sep 2025 16:37

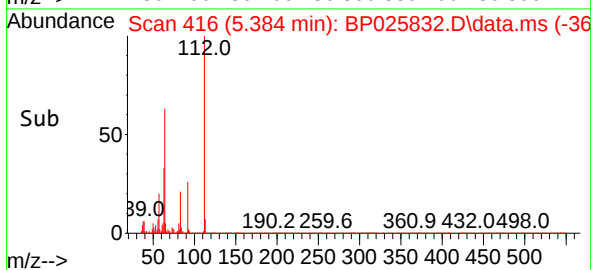
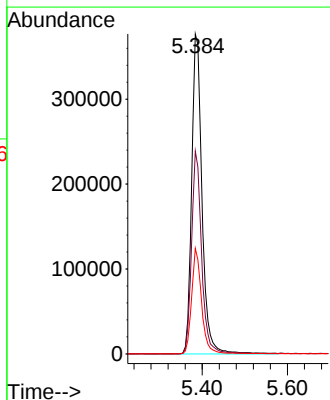
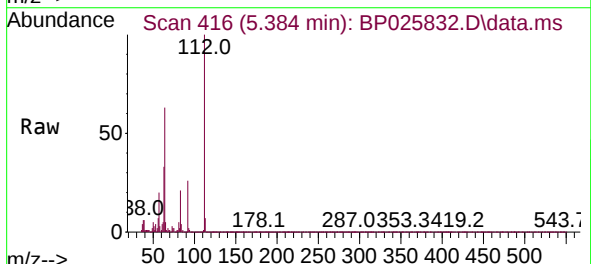
Instrument :
 BNA_P
 ClientSampleId :
 SP-A

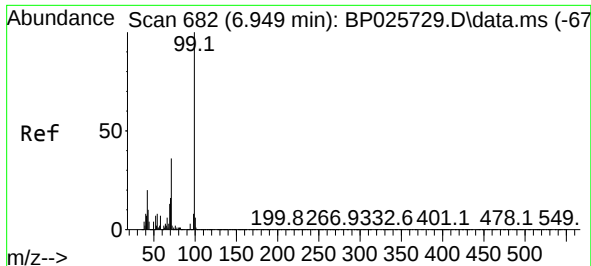
Tgt Ion:152 Resp: 178875
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.3 186.5
 115 62.7 50.3 75.5



#5
 2-Fluorophenol
 Concen: 57.239 ng
 RT: 5.384 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: BP025832.D
 Acq: 23 Sep 2025 16:37

Tgt Ion:112 Resp: 634544
 Ion Ratio Lower Upper
 112 100
 64 63.4 50.2 75.4
 63 33.0 26.7 40.1

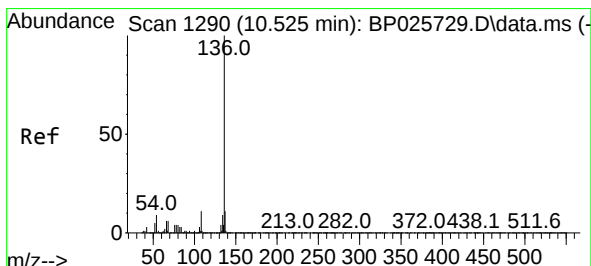
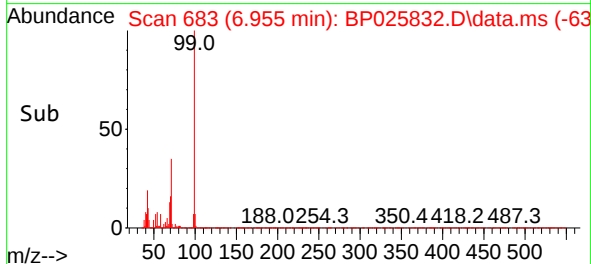
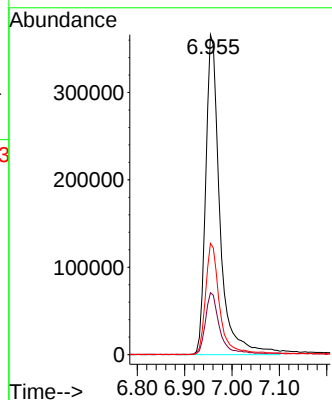
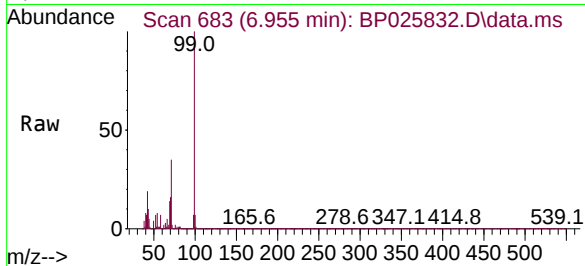




#7
Phenol-d6
Concen: 51.912 ng
RT: 6.955 min Scan# 682
Delta R.T. 0.006 min
Lab File: BP025832.D
Acq: 23 Sep 2025 16:37

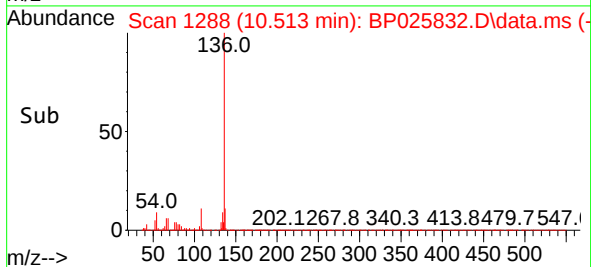
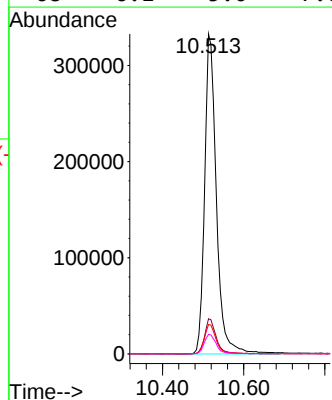
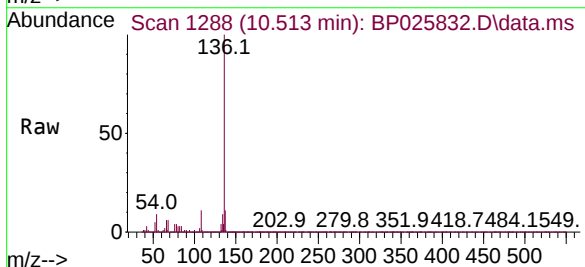
Instrument :
BNA_P
ClientSampleId :
SP-A

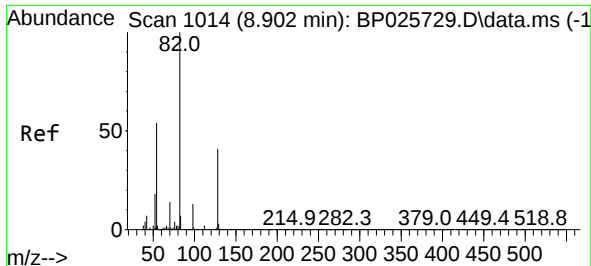
Tgt Ion: 99 Resp: 764932
Ion Ratio Lower Upper
99 100
42 19.3 15.6 23.4
71 34.8 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.513 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BP025832.D
Acq: 23 Sep 2025 16:37

Tgt Ion: 136 Resp: 667805
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.2 7.5 11.3
68 6.1 5.0 7.6

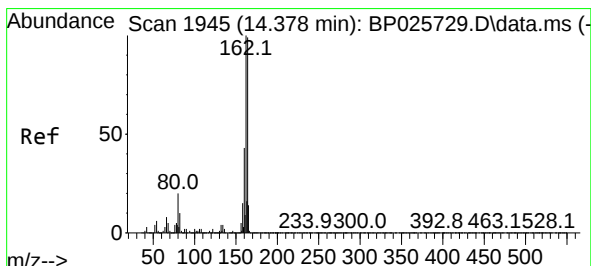
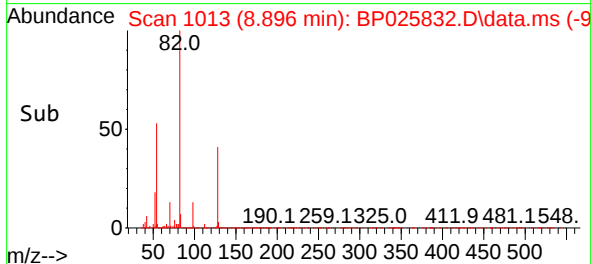
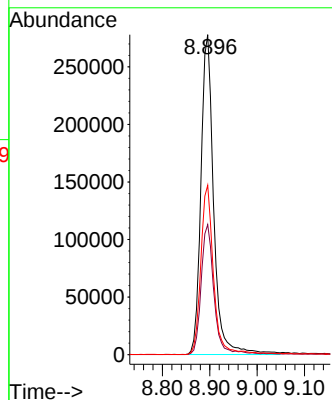
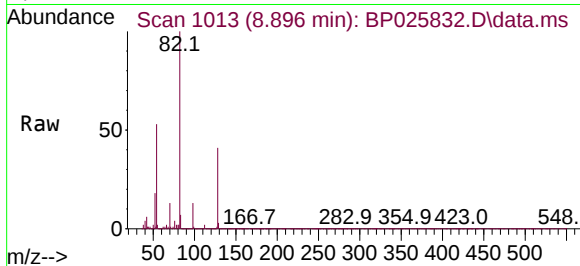




#23
Nitrobenzene-d5
Concen: 34.463 ng
RT: 8.896 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP025832.D
Acq: 23 Sep 2025 16:37

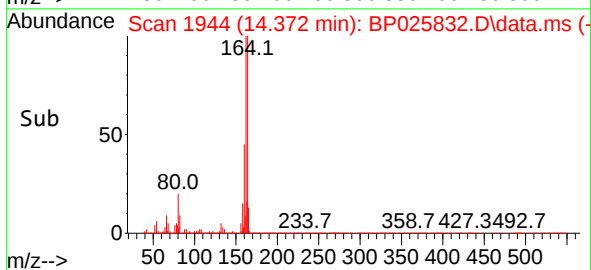
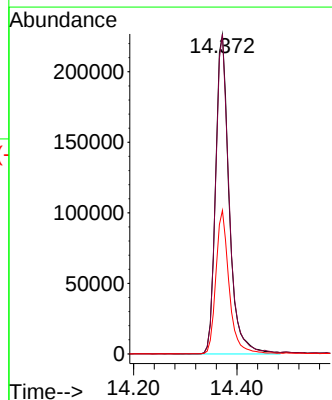
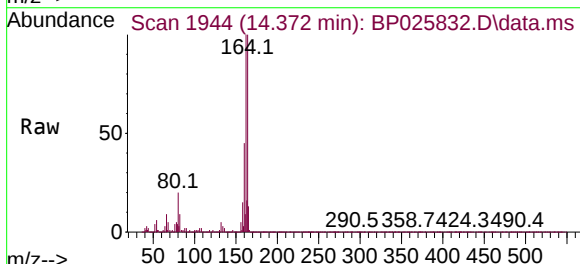
Instrument :
BNA_P
ClientSampleId :
SP-A

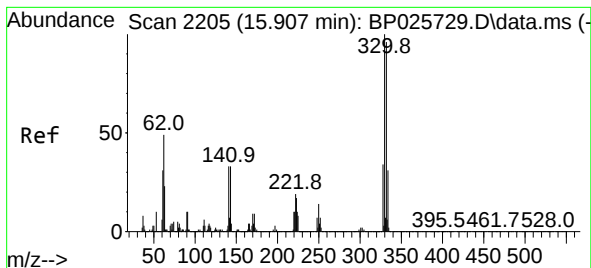
Tgt Ion: 82 Resp: 521742
Ion Ratio Lower Upper
82 100
128 40.6 32.9 49.3
54 52.9 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP025832.D
Acq: 23 Sep 2025 16:37

Tgt Ion:164 Resp: 412502
Ion Ratio Lower Upper
164 100
162 100.2 80.6 120.8
160 44.9 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 54.133 ng

RT: 15.901 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025832.D

Acq: 23 Sep 2025 16:37

Instrument :

BNA_P

ClientSampleId :

SP-A

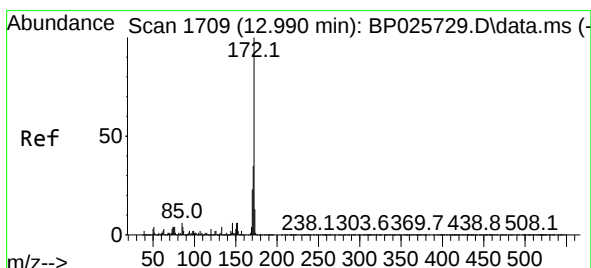
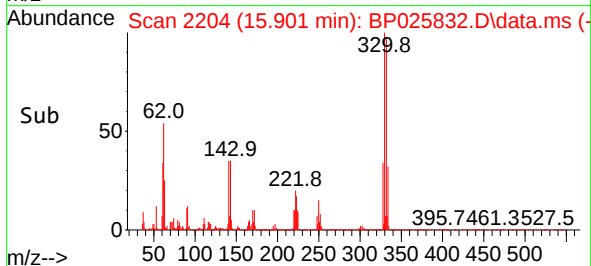
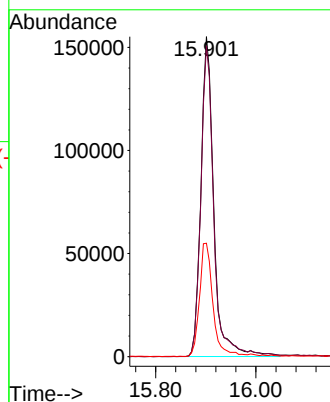
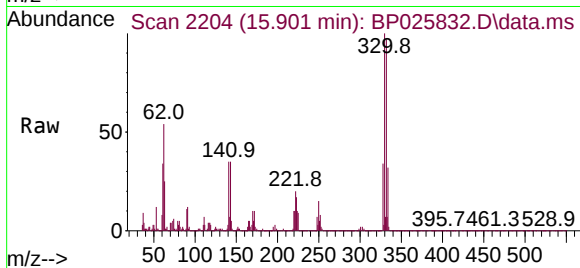
Tgt Ion:330 Resp: 278524

Ion Ratio Lower Upper

330 100

332 97.5 76.9 115.3

141 36.5 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 33.035 ng

RT: 12.984 min Scan# 1708

Delta R.T. -0.006 min

Lab File: BP025832.D

Acq: 23 Sep 2025 16:37

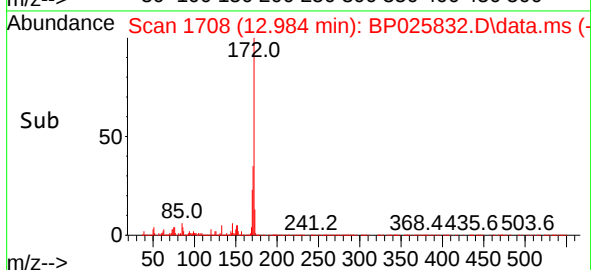
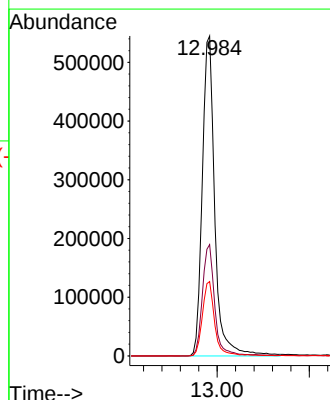
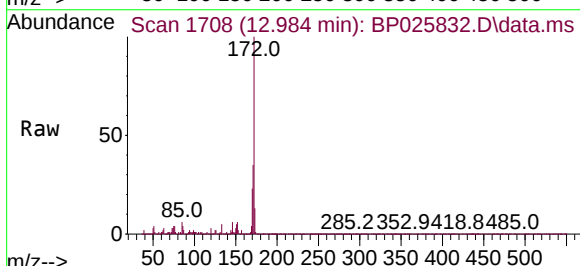
Tgt Ion:172 Resp: 1023417

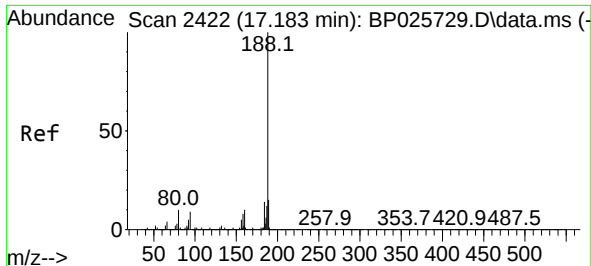
Ion Ratio Lower Upper

172 100

171 34.8 27.8 41.6

170 23.2 18.6 27.8

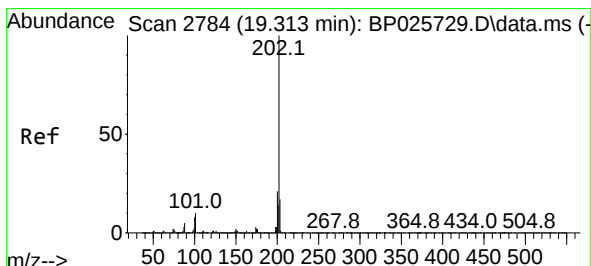
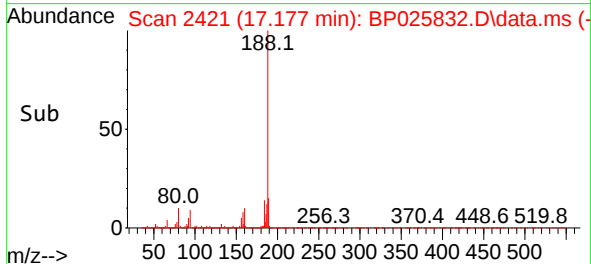
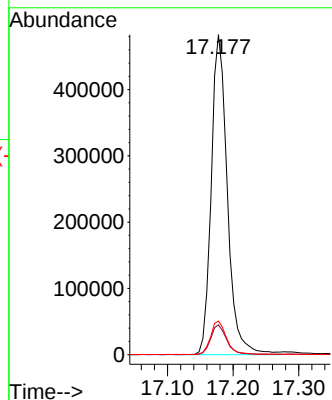
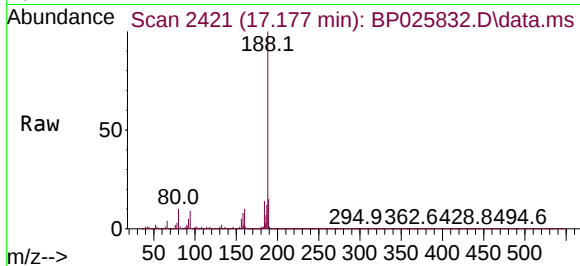




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.177 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025832.D
Acq: 23 Sep 2025 16:37

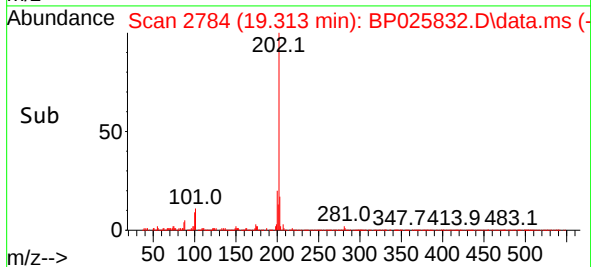
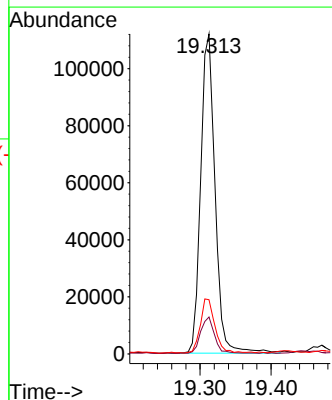
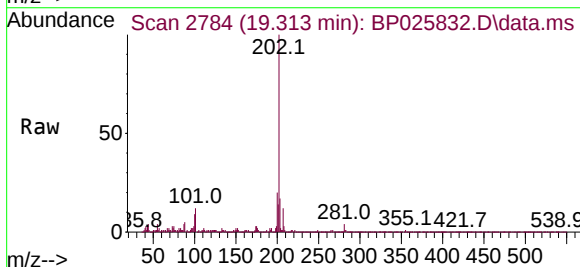
Instrument :
BNA_P
ClientSampleId :
SP-A

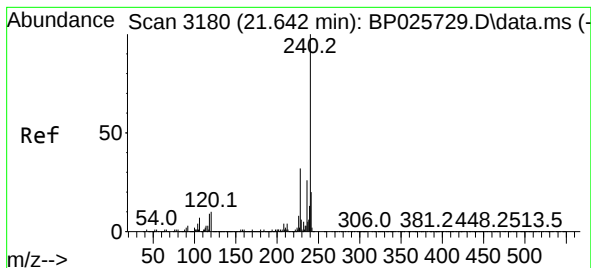
Tgt Ion:188 Resp: 824237
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.0
80 10.5 7.7 11.5



#75
Fluoranthene
Concen: 2.799 ng
RT: 19.313 min Scan# 2784
Delta R.T. -0.000 min
Lab File: BP025832.D
Acq: 23 Sep 2025 16:37

Tgt Ion:202 Resp: 156968
Ion Ratio Lower Upper
202 100
101 11.5 0.0 30.4
203 16.9 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.624 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP025832.D

Acq: 23 Sep 2025 16:37

Instrument :

BNA_P

ClientSampleId :

SP-A

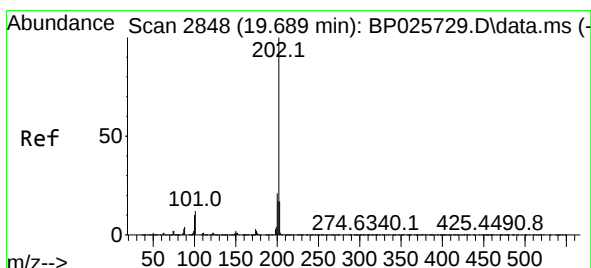
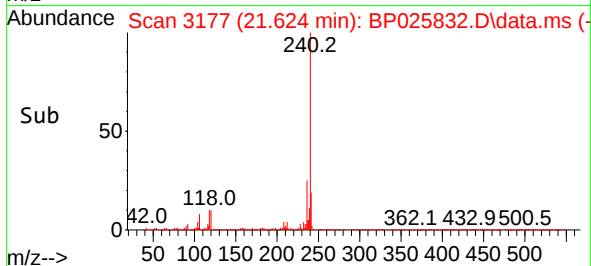
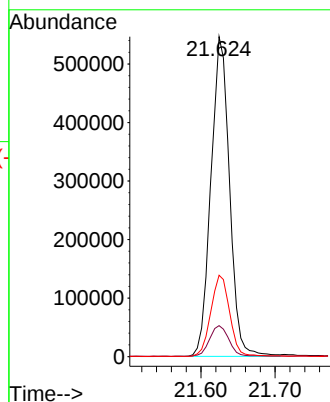
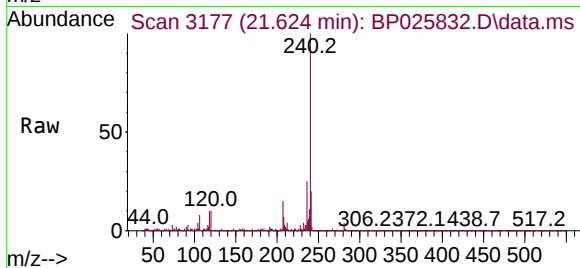
Tgt Ion:240 Resp: 953215

Ion Ratio Lower Upper

240 100

120 9.7 8.0 12.0

236 25.4 20.7 31.1



#78

Pyrene

Concen: 2.412 ng

RT: 19.689 min Scan# 2848

Delta R.T. -0.000 min

Lab File: BP025832.D

Acq: 23 Sep 2025 16:37

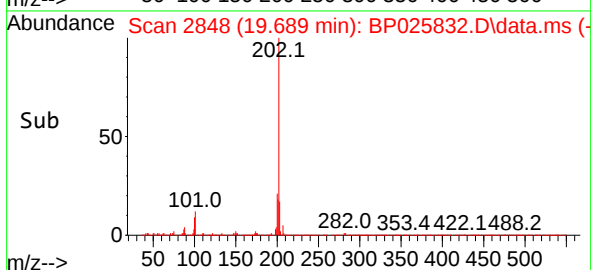
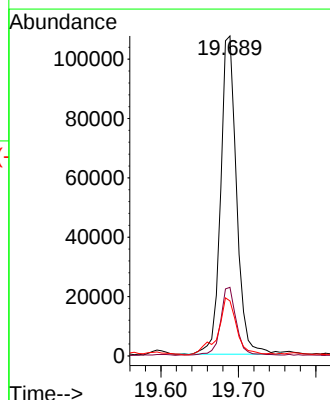
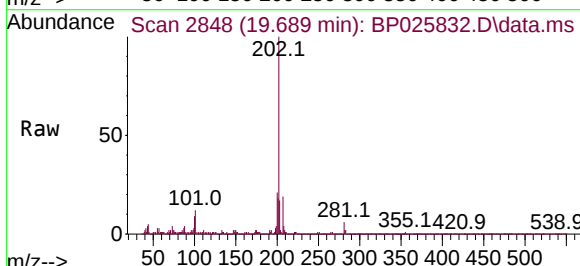
Tgt Ion:202 Resp: 153412

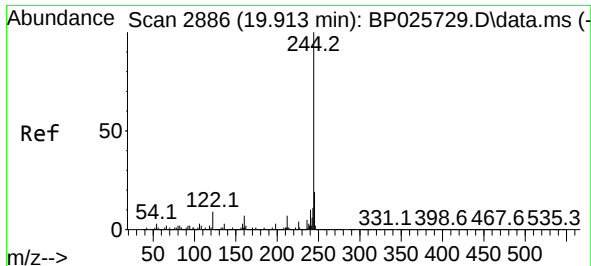
Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.6

203 17.2 13.9 20.9

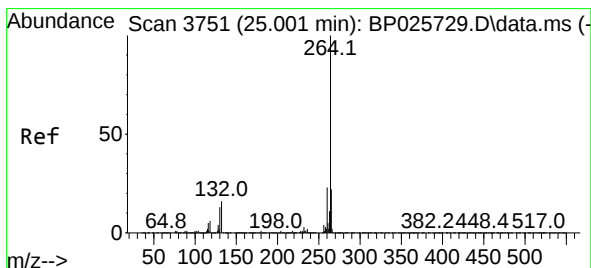
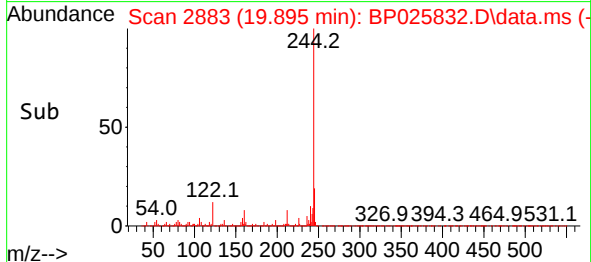
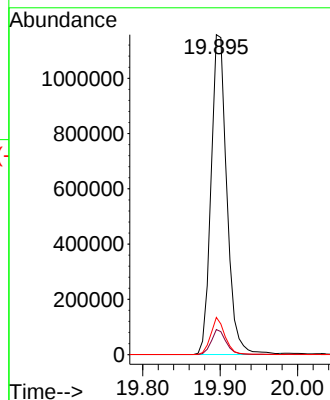
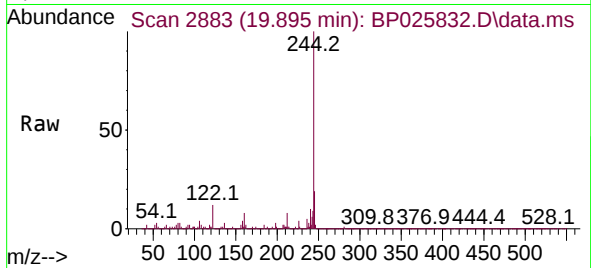




#79
 Terphenyl-d14
 Concen: 31.017 ng
 RT: 19.895 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BP025832.D
 Acq: 23 Sep 2025 16:37

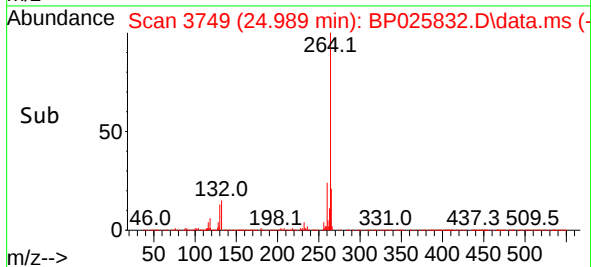
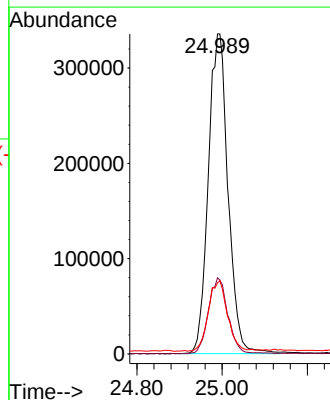
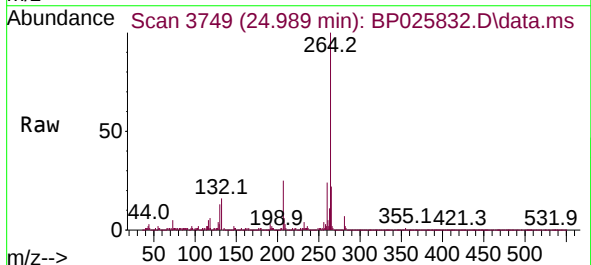
Instrument :
 BNA_P
 ClientSampleId :
 SP-A

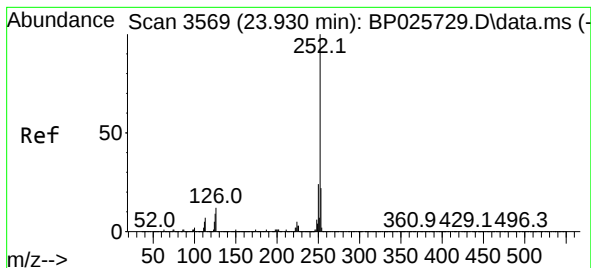
Tgt Ion:244 Resp: 1643464
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.9 8.9
 122 11.6 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.989 min Scan# 3749
 Delta R.T. -0.012 min
 Lab File: BP025832.D
 Acq: 23 Sep 2025 16:37

Tgt Ion:264 Resp: 1080999
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.3 27.5
 265 22.2 17.3 25.9





#88

Benzo(b)fluoranthene

Concen: 2.204 ng

RT: 23.930 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP025832.D

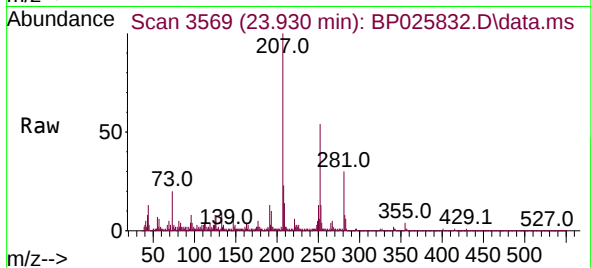
Acq: 23 Sep 2025 16:37

Instrument :

BNA_P

ClientSampleId :

SP-A



Tgt Ion:252 Resp: 145705

Ion Ratio Lower Upper

252 100

253 23.5 17.9 26.9

125 13.9 7.3 10.9#

