

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092225\
 Data File : BP025816.D
 Acq On : 22 Sep 2025 17:08
 Operator : CG/JU
 Sample : Q3133-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-210

Quant Time: Sep 22 17:31:49 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)

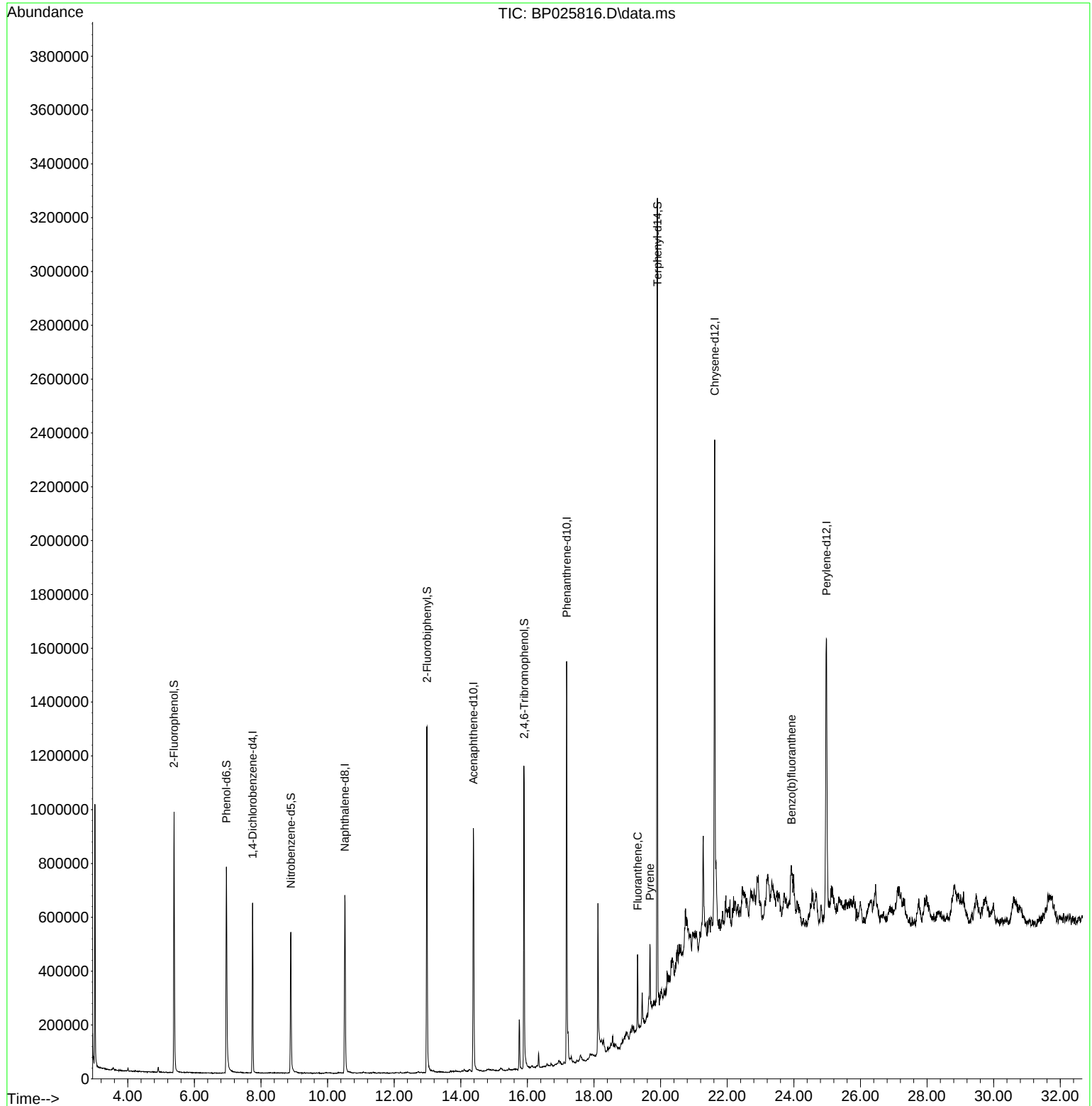
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	168463	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	636350	20.000	ng	0.00
39) Acenaphthene-d10	14.378	164	400736	20.000	ng	0.00
64) Phenanthrene-d10	17.178	188	893561	20.000	ng	0.00
76) Chrysene-d12	21.625	240	1002333	20.000	ng	-0.02
86) Perylene-d12	24.983	264	1122229	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	444214	42.547	ng	0.00
7) Phenol-d6	6.961	99	543264	39.147	ng	0.01
23) Nitrobenzene-d5	8.896	82	349737	24.243	ng	0.00
42) 2,4,6-Tribromophenol	15.901	330	232245	46.464	ng	0.00
45) 2-Fluorobiphenyl	12.984	172	789230	26.223	ng	0.00
79) Terphenyl-d14	19.901	244	1541209	27.662	ng	-0.01
Target Compounds						
						Qvalue
75) Fluoranthene	19.307	202	160867	2.646	ng	97
78) Pyrene	19.678	202	152772	2.284	ng	98
88) Benzo(b)fluoranthene	23.930	252	147236	2.145	ng	# 93

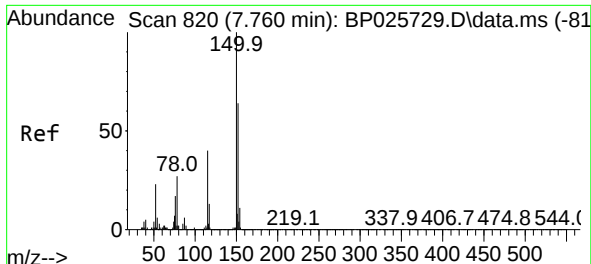
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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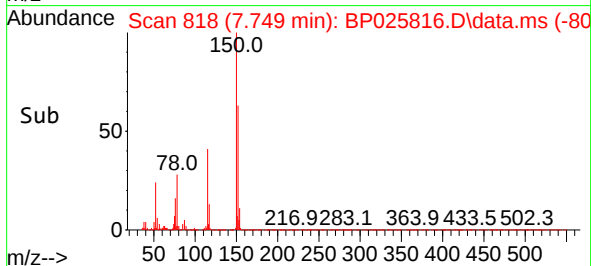
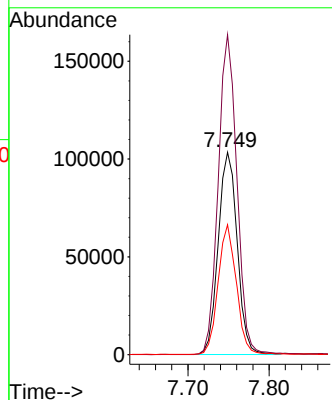
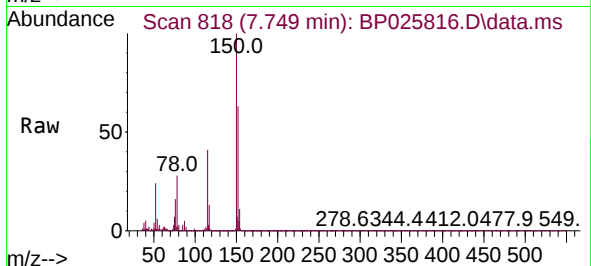




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.749 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP025816.D
Acq: 22 Sep 2025 17:08

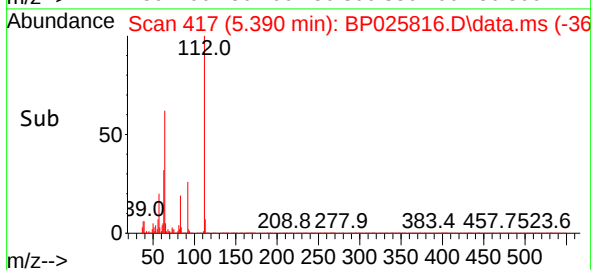
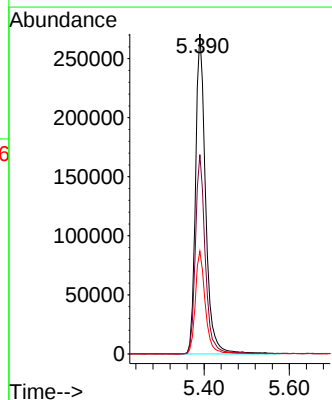
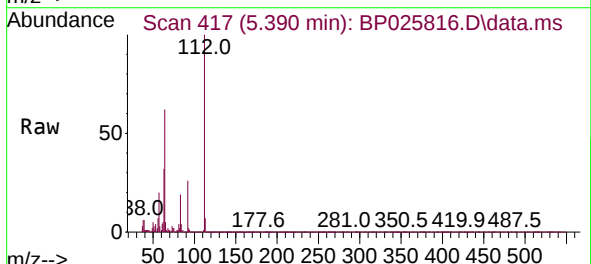
Instrument :
BNA_P
ClientSampleId :
VNJ-210

Tgt Ion:152 Resp: 168463
Ion Ratio Lower Upper
152 100
150 158.1 124.3 186.5
115 64.1 50.3 75.5



#5
2-Fluorophenol
Concen: 42.547 ng
RT: 5.390 min Scan# 417
Delta R.T. 0.006 min
Lab File: BP025816.D
Acq: 22 Sep 2025 17:08

Tgt Ion:112 Resp: 444214
Ion Ratio Lower Upper
112 100
64 62.3 50.2 75.4
63 32.1 26.7 40.1

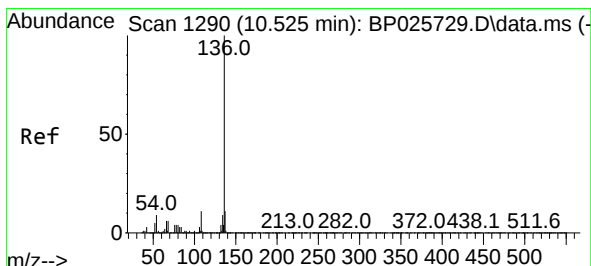
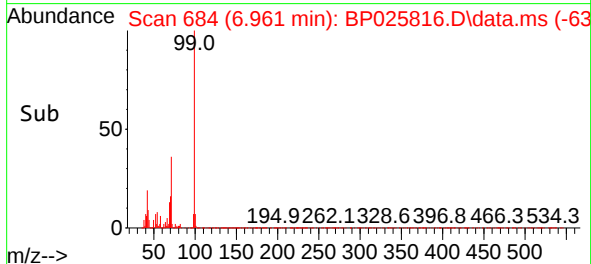
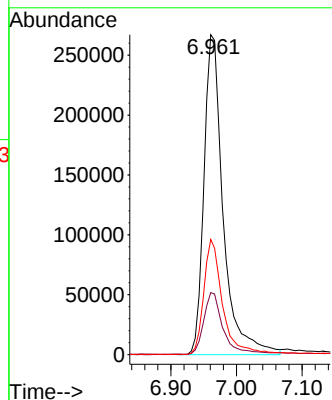
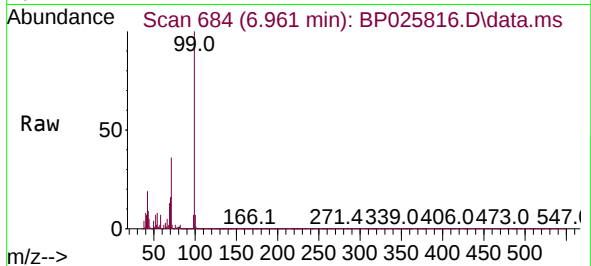




#7
Phenol-d6
Concen: 39.147 ng
RT: 6.961 min Scan# 682
Delta R.T. 0.012 min
Lab File: BP025816.D
Acq: 22 Sep 2025 17:08

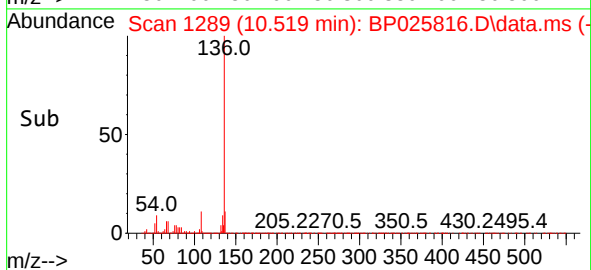
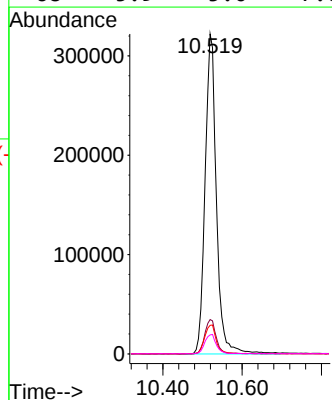
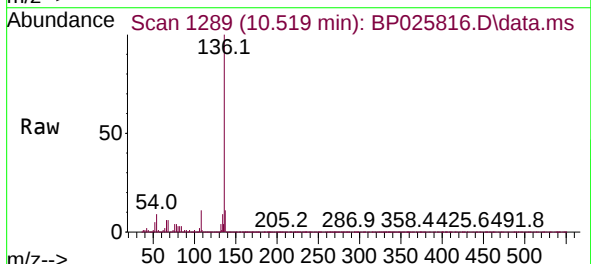
Instrument :
BNA_P
ClientSampleId :
VNJ-210

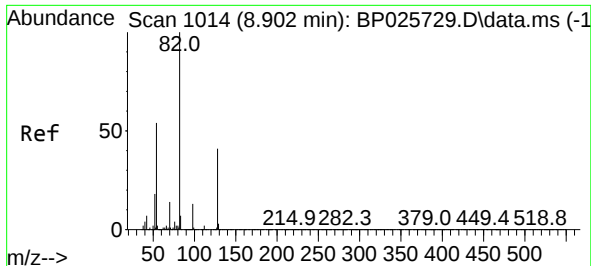
Tgt Ion: 99 Resp: 543264
Ion Ratio Lower Upper
99 100
42 19.4 15.6 23.4
71 36.0 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BP025816.D
Acq: 22 Sep 2025 17:08

Tgt Ion:136 Resp: 636350
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 8.9 7.5 11.3
68 5.9 5.0 7.6

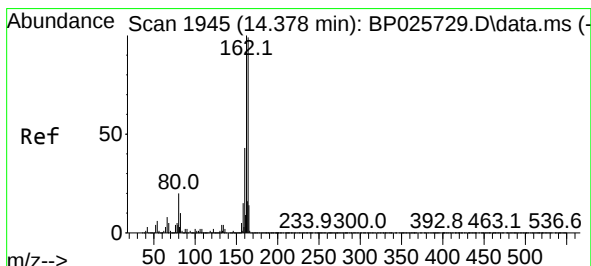
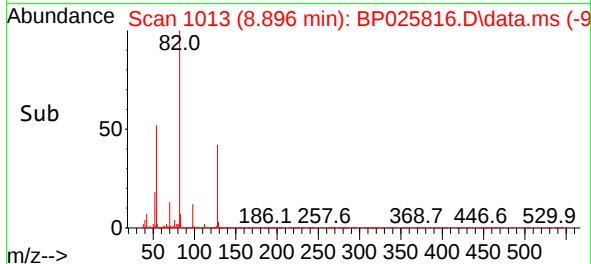
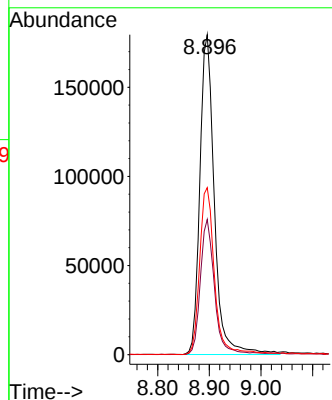
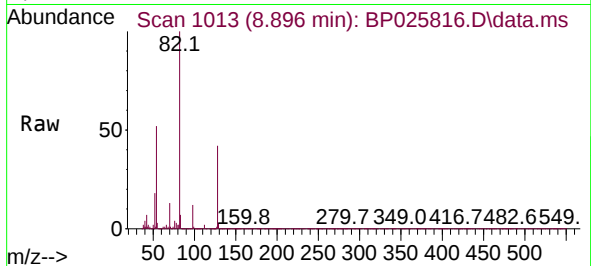




#23
Nitrobenzene-d5
Concen: 24.243 ng
RT: 8.896 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP025816.D
Acq: 22 Sep 2025 17:08

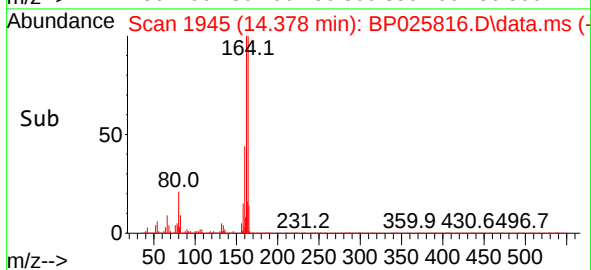
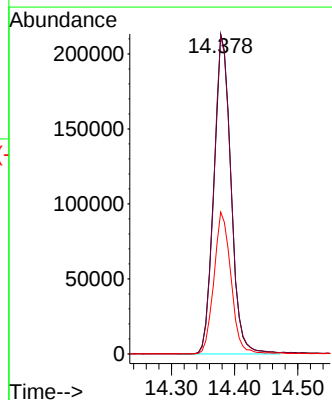
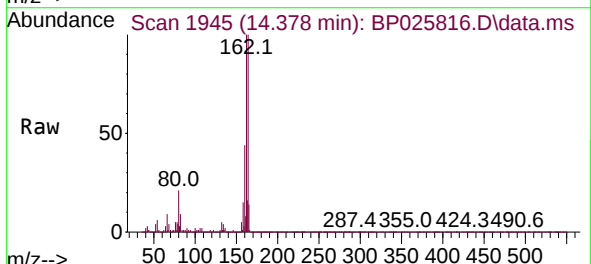
Instrument :
BNA_P
ClientSampleId :
VNJ-210

Tgt Ion: 82 Resp: 349737
Ion Ratio Lower Upper
82 100
128 42.2 32.9 49.3
54 52.2 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.378 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BP025816.D
Acq: 22 Sep 2025 17:08

Tgt Ion:164 Resp: 400736
Ion Ratio Lower Upper
164 100
162 99.5 80.6 120.8
160 44.3 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 46.464 ng

RT: 15.901 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025816.D

Acq: 22 Sep 2025 17:08

Instrument :

BNA_P

ClientSampleId :

VNJ-210

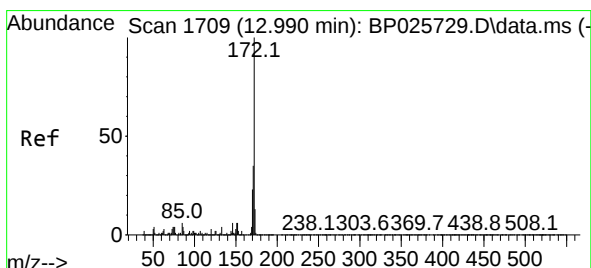
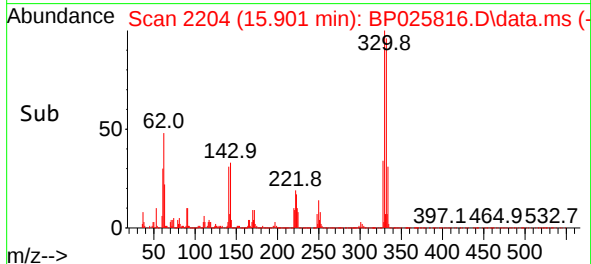
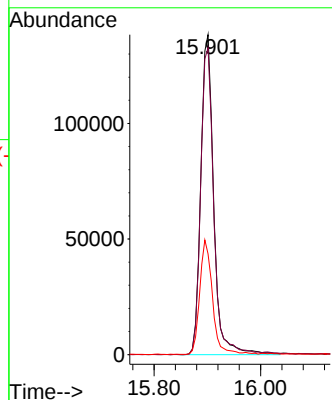
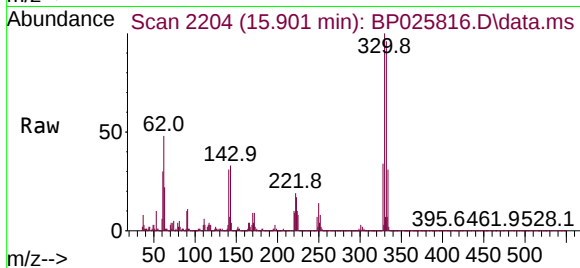
Tgt Ion:330 Resp: 232245

Ion Ratio Lower Upper

330 100

332 96.7 76.9 115.3

141 35.3 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 26.223 ng

RT: 12.984 min Scan# 1708

Delta R.T. -0.006 min

Lab File: BP025816.D

Acq: 22 Sep 2025 17:08

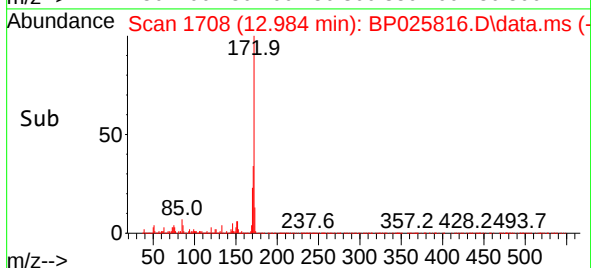
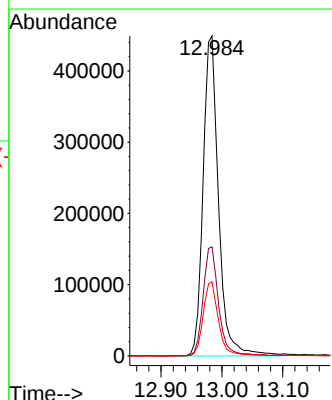
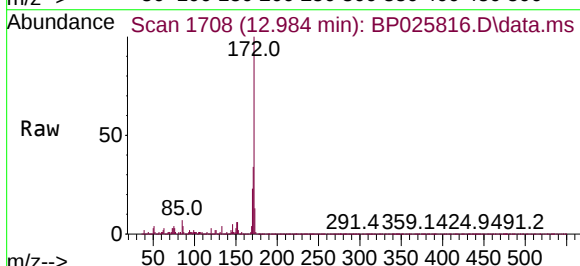
Tgt Ion:172 Resp: 789230

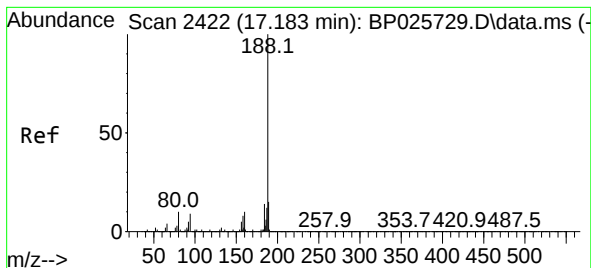
Ion Ratio Lower Upper

172 100

171 34.1 27.8 41.6

170 23.1 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.178 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP025816.D

Acq: 22 Sep 2025 17:08

Instrument :

BNA_P

ClientSampleId :

VNJ-210

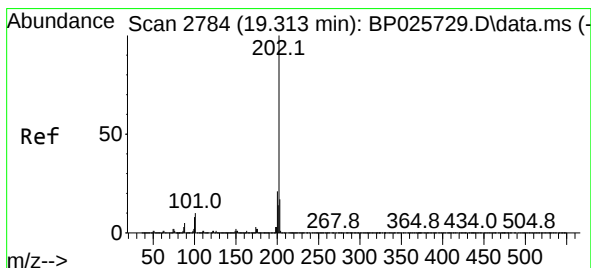
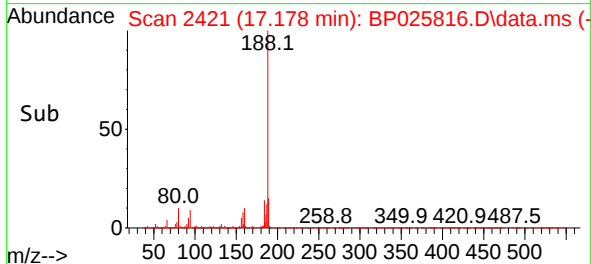
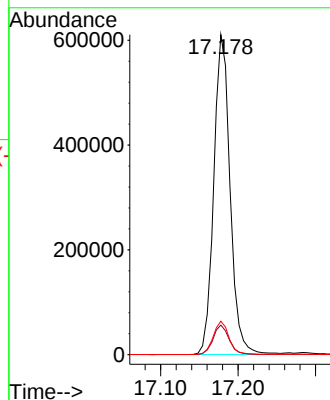
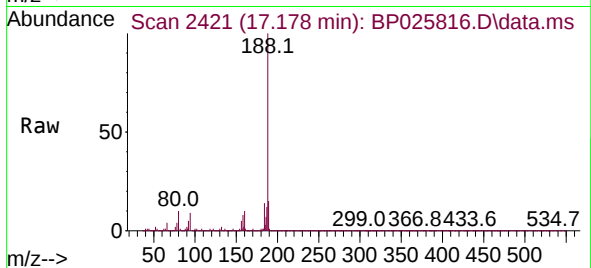
Tgt Ion:188 Resp: 893561

Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.0

80 10.4 7.7 11.5



#75

Fluoranthene

Concen: 2.646 ng

RT: 19.307 min Scan# 2783

Delta R.T. -0.006 min

Lab File: BP025816.D

Acq: 22 Sep 2025 17:08

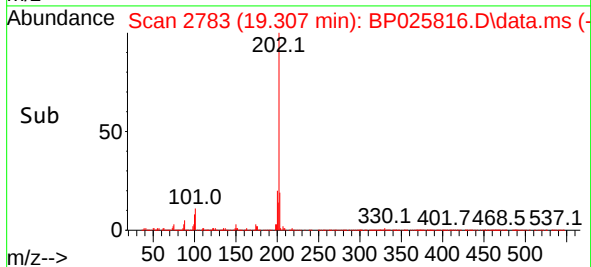
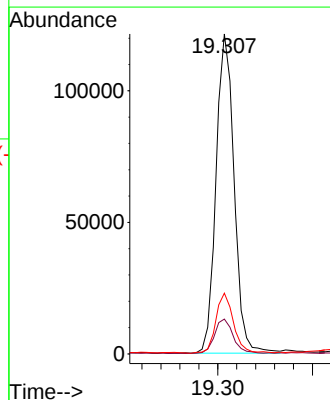
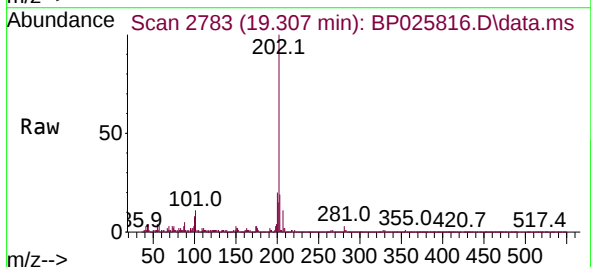
Tgt Ion:202 Resp: 160867

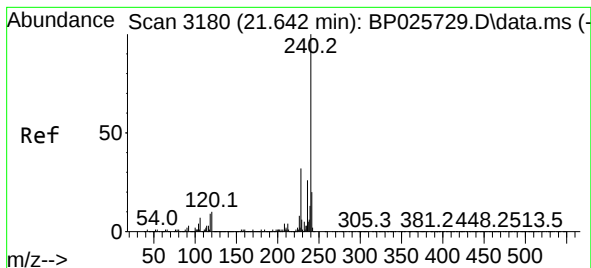
Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.4

203 19.0 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.625 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP025816.D

Acq: 22 Sep 2025 17:08

Instrument :

BNA_P

ClientSampleId :

VNJ-210

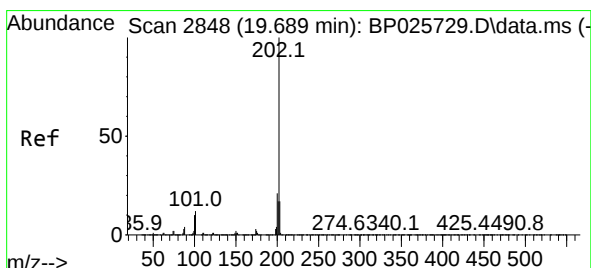
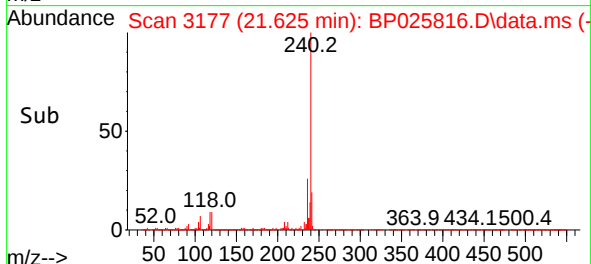
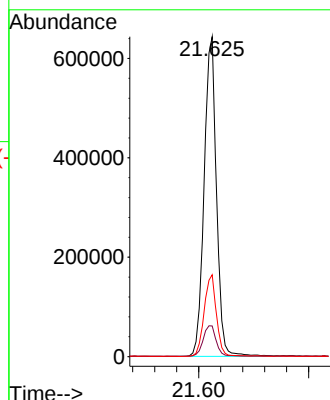
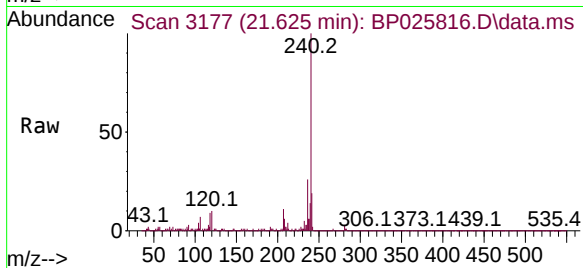
Tgt Ion:240 Resp: 1002333

Ion Ratio Lower Upper

240 100

120 9.6 8.0 12.0

236 25.6 20.7 31.1



#78

Pyrene

Concen: 2.284 ng

RT: 19.678 min Scan# 2846

Delta R.T. -0.012 min

Lab File: BP025816.D

Acq: 22 Sep 2025 17:08

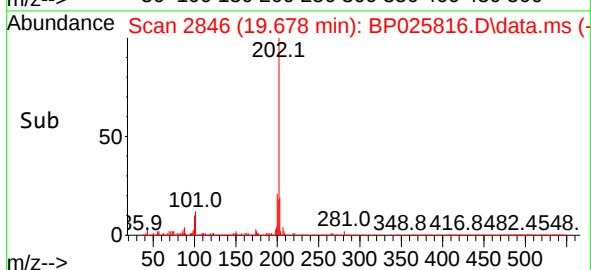
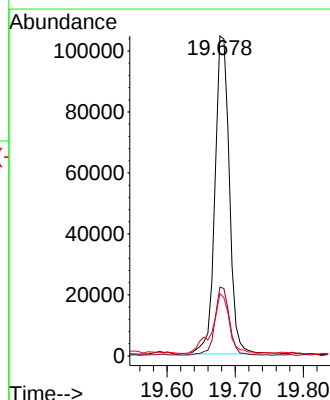
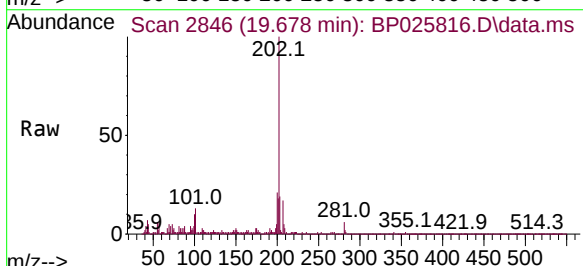
Tgt Ion:202 Resp: 152772

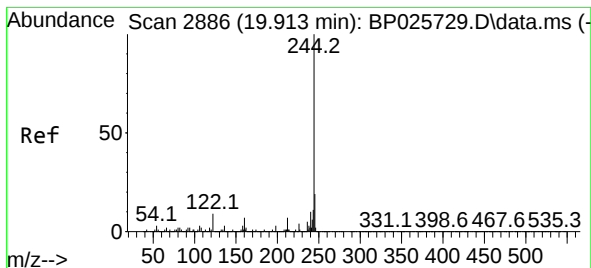
Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.6

203 19.5 13.9 20.9





#79

Terphenyl-d14

Concen: 27.662 ng

RT: 19.901 min Scan# 2886

Delta R.T. -0.012 min

Lab File: BP025816.D

Acq: 22 Sep 2025 17:08

Instrument :

BNA_P

ClientSampleId :

VNJ-210

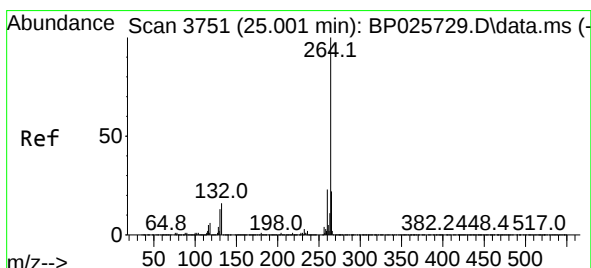
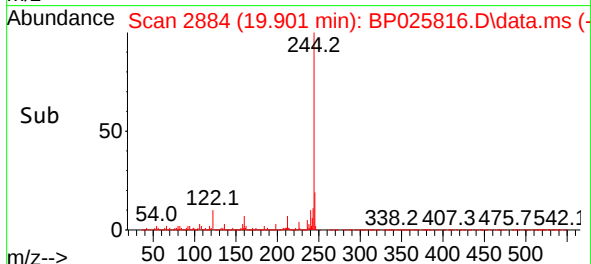
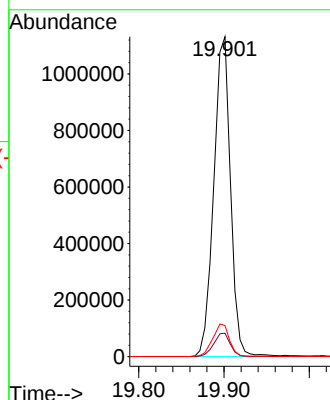
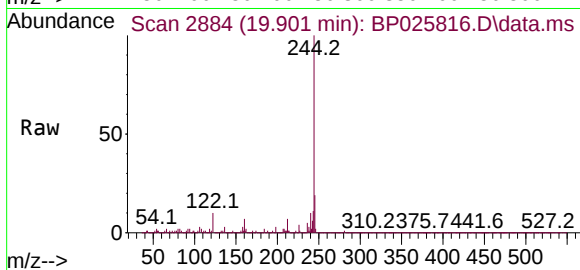
Tgt Ion:244 Resp: 1541209

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 9.7 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.983 min Scan# 3748

Delta R.T. -0.018 min

Lab File: BP025816.D

Acq: 22 Sep 2025 17:08

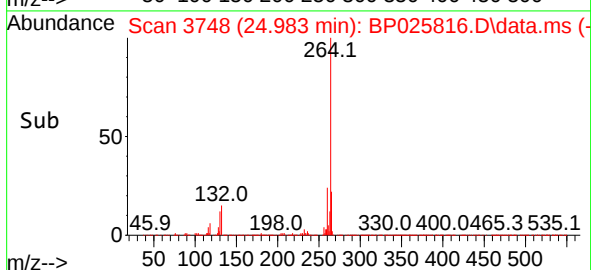
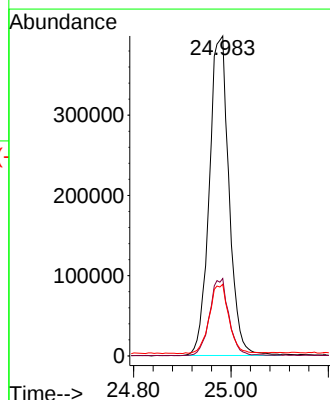
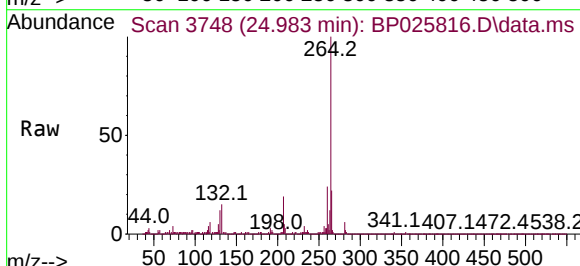
Tgt Ion:264 Resp: 1122229

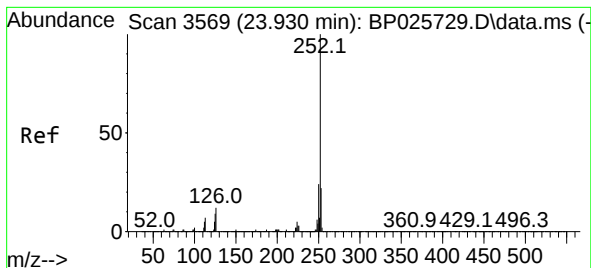
Ion Ratio Lower Upper

264 100

260 24.2 18.3 27.5

265 22.4 17.3 25.9





#88

Benzo(b)fluoranthene

Concen: 2.145 ng

RT: 23.930 min Scan# 3569

Delta R.T. 0.000 min

Lab File: BP025816.D

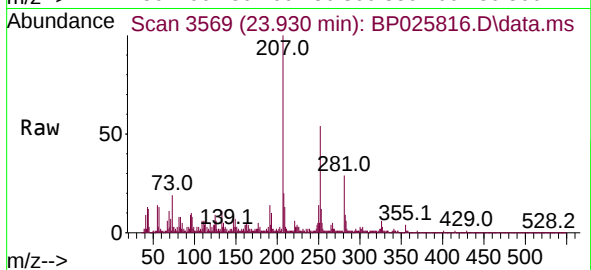
Acq: 22 Sep 2025 17:08

Instrument :

BNA_P

ClientSampleId :

VNJ-210



Tgt Ion:252 Resp: 147236

Ion Ratio Lower Upper

252 100

253 23.0 17.9 26.9

125 17.2 7.3 10.9#

