

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100925\
 Data File : BP025965.D
 Acq On : 09 Oct 2025 15:06
 Operator : RC/JU
 Sample : Q3318-01 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-207

Quant Time: Oct 09 15:27:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 08 16:22:13 2025
 Response via : Initial Calibration

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

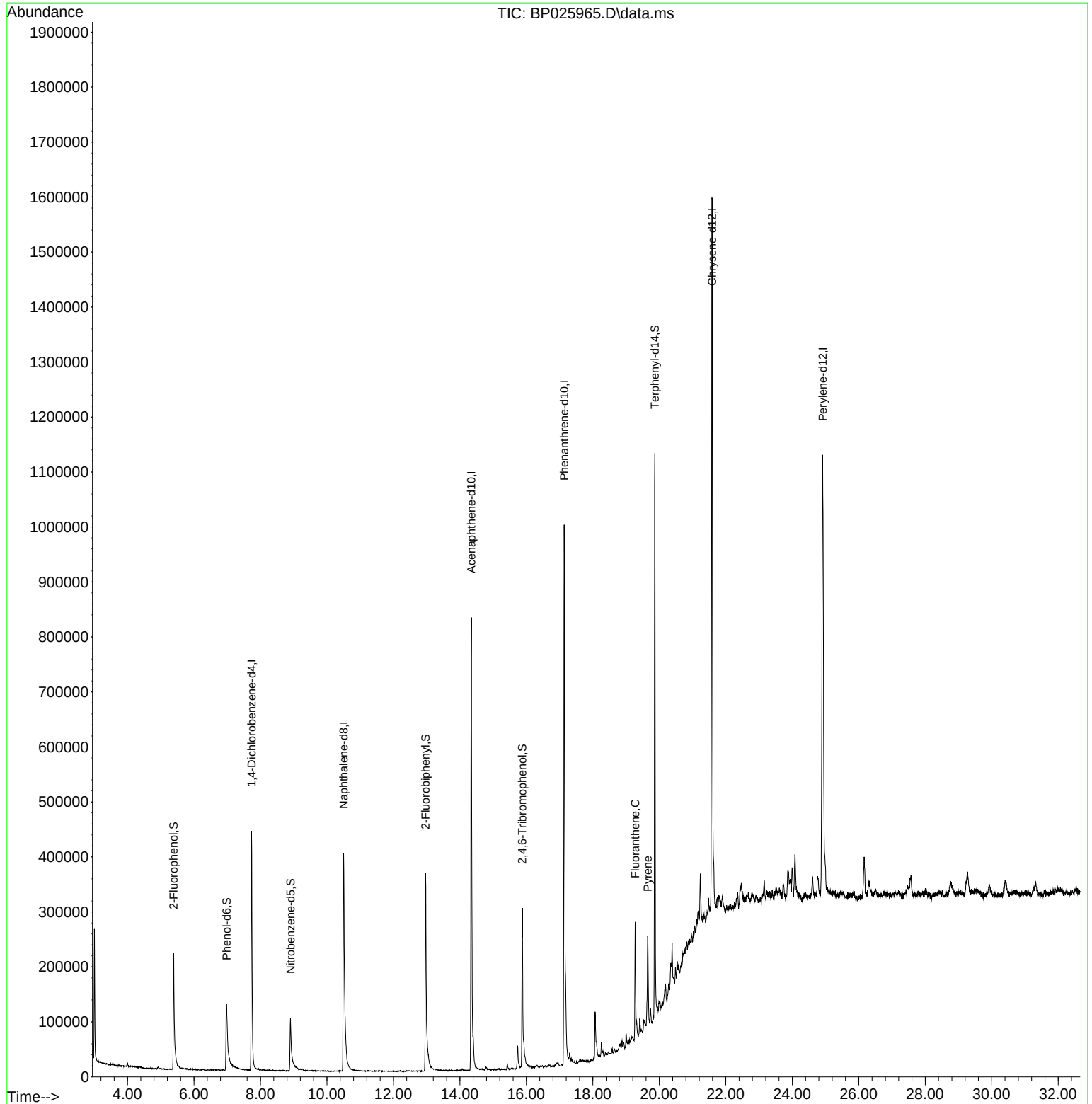
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.731	152	144510	20.000	ng	0.00
21) Naphthalene-d8	10.502	136	585228	20.000	ng	0.01
39) Acenaphthene-d10	14.343	164	405509	20.000	ng	0.00
64) Phenanthrene-d10	17.137	188	816553	20.000	ng	0.00
76) Chrysene-d12	21.589	240	906015	20.000	ng	0.02
86) Perylene-d12	24.913	264	971109	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	151969	17.164	ng	0.01
7) Phenol-d6	6.978	99	178261	15.246	ng	0.04
23) Nitrobenzene-d5	8.902	82	105654	8.080	ng	0.02
42) 2,4,6-Tribromophenol	15.878	330	82610	16.313	ng	0.02
45) 2-Fluorobiphenyl	12.966	172	304880	10.100	ng	0.02
79) Terphenyl-d14	19.866	244	548034	10.907	ng	0.01
Target Compounds						
75) Fluoranthene	19.272	202	149613	2.730	ng	98
78) Pyrene	19.648	202	126516	2.108	ng	98

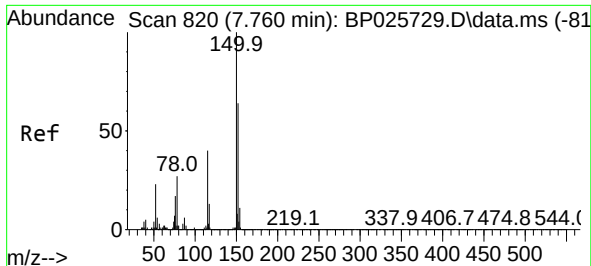
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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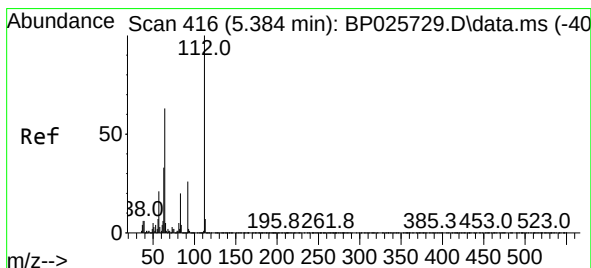
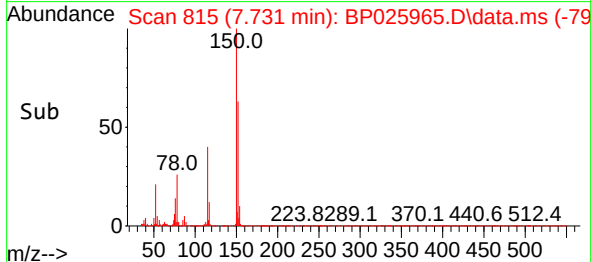
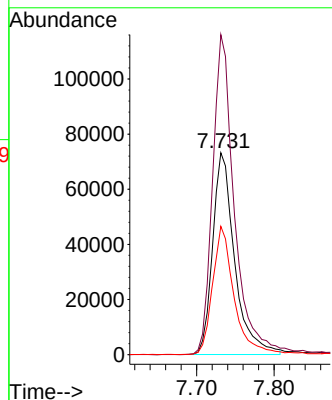
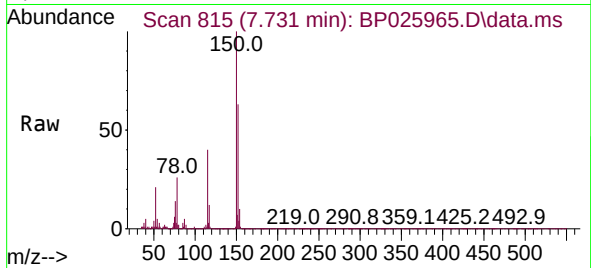




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.731 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP025965.D
Acq: 09 Oct 2025 15:06

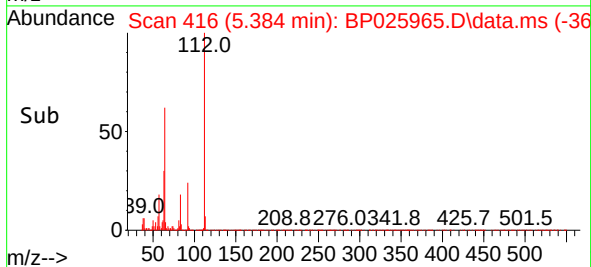
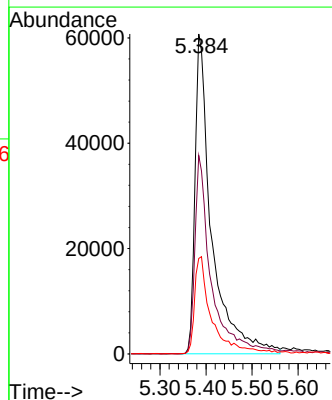
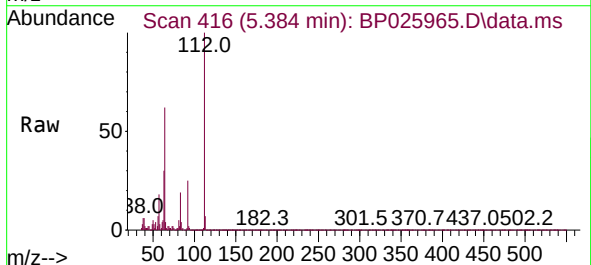
Instrument :
BNA_P
ClientSampleId :
VNJ-207

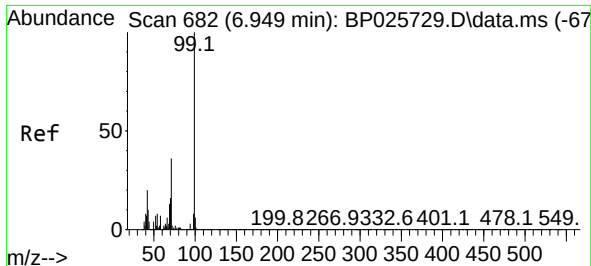
Tgt Ion:152 Resp: 144510
Ion Ratio Lower Upper
152 100
150 158.5 124.3 186.5
115 63.5 50.3 75.5



#5
2-Fluorophenol
Concen: 17.164 ng
RT: 5.384 min Scan# 416
Delta R.T. 0.012 min
Lab File: BP025965.D
Acq: 09 Oct 2025 15:06

Tgt Ion:112 Resp: 151969
Ion Ratio Lower Upper
112 100
64 62.0 50.2 75.4
63 29.8 26.7 40.1

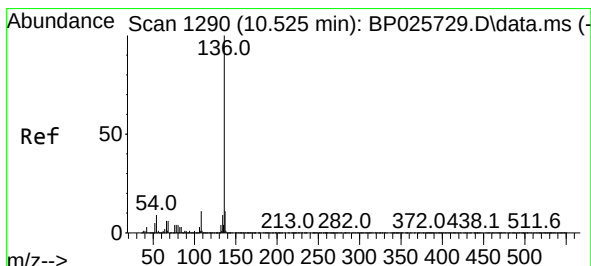
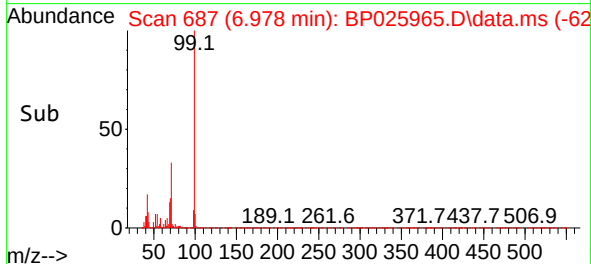
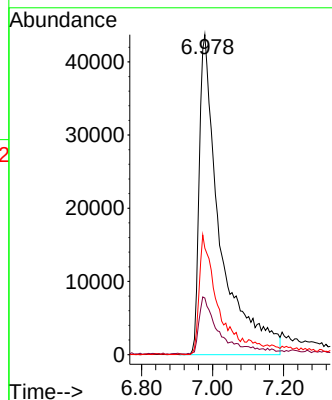
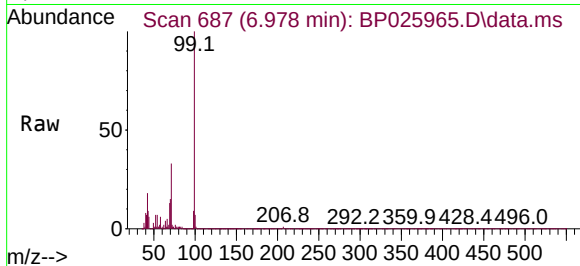




#7
Phenol-d6
Concen: 15.246 ng
RT: 6.978 min Scan# 61
Delta R.T. 0.041 min
Lab File: BP025965.D
Acq: 09 Oct 2025 15:06

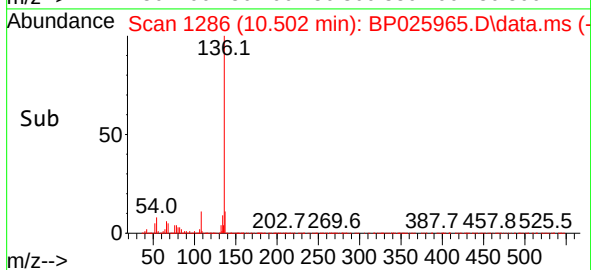
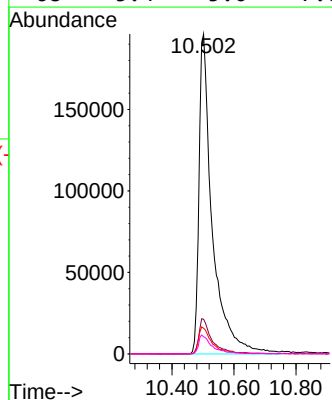
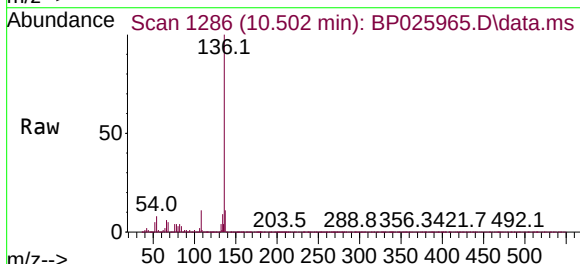
Instrument :
BNA_P
ClientSampleId :
VNJ-207

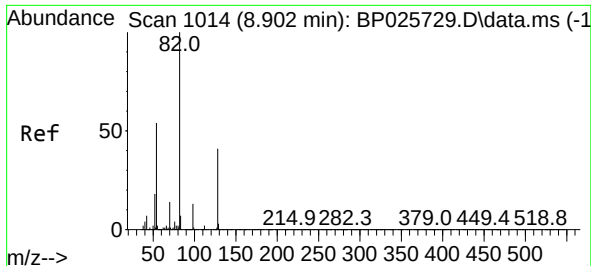
Tgt Ion:	99	Resp:	178261
Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.6	23.4
71	33.3	28.6	43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.502 min Scan# 1286
Delta R.T. 0.012 min
Lab File: BP025965.D
Acq: 09 Oct 2025 15:06

Tgt Ion:	136	Resp:	585228
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	8.0	7.5	11.3
68	5.4	5.0	7.6

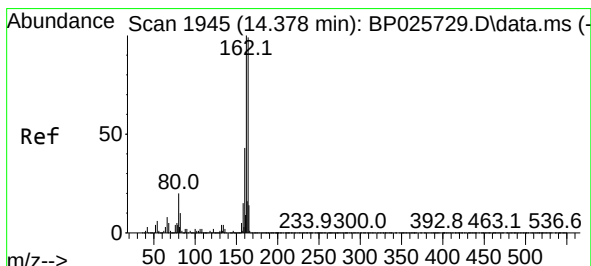
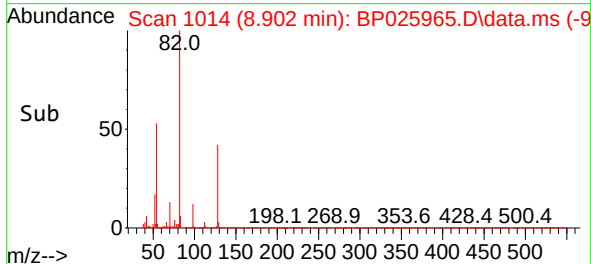
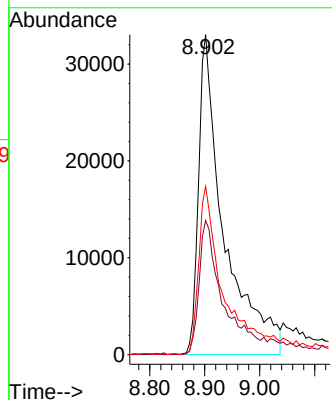
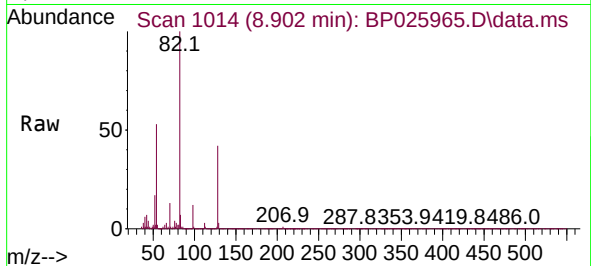




#23
Nitrobenzene-d5
Concen: 8.080 ng
RT: 8.902 min Scan# 1014
Delta R.T. 0.024 min
Lab File: BP025965.D
Acq: 09 Oct 2025 15:06

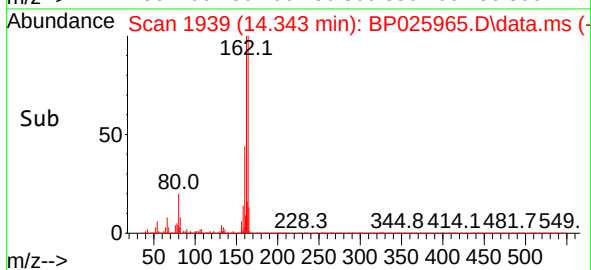
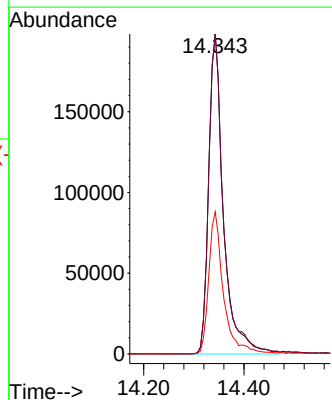
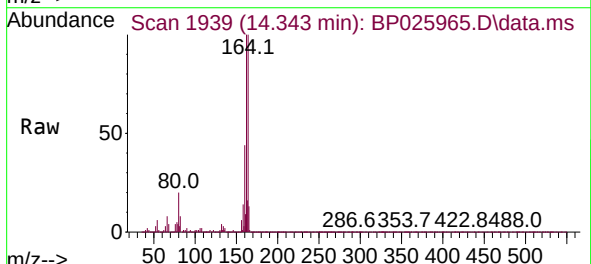
Instrument :
BNA_P
ClientSampleId :
VNJ-207

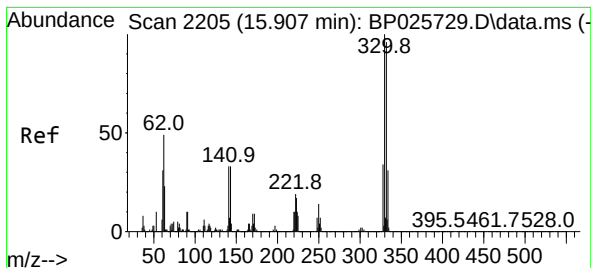
Tgt Ion: 82 Resp: 105654
Ion Ratio Lower Upper
82 100
128 41.9 32.9 49.3
54 52.6 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.343 min Scan# 1939
Delta R.T. 0.006 min
Lab File: BP025965.D
Acq: 09 Oct 2025 15:06

Tgt Ion:164 Resp: 405509
Ion Ratio Lower Upper
164 100
162 99.8 80.6 120.8
160 44.4 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 16.313 ng

RT: 15.878 min Scan# 21

Delta R.T. 0.024 min

Lab File: BP025965.D

Acq: 09 Oct 2025 15:06

Instrument :

BNA_P

ClientSampleId :

VNJ-207

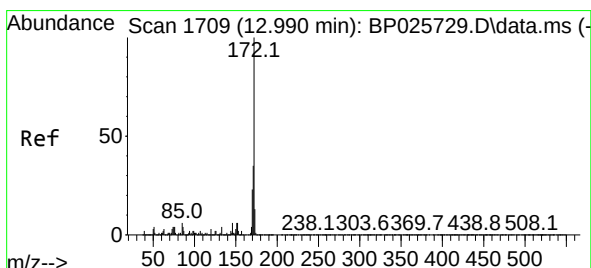
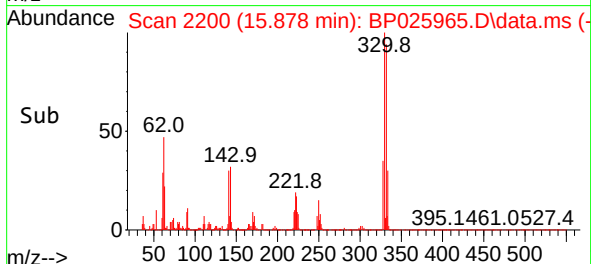
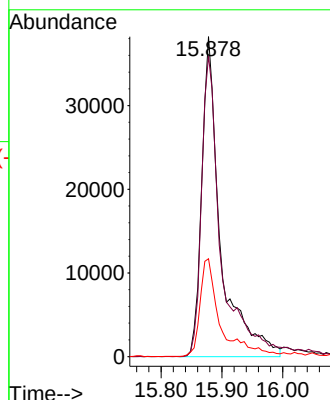
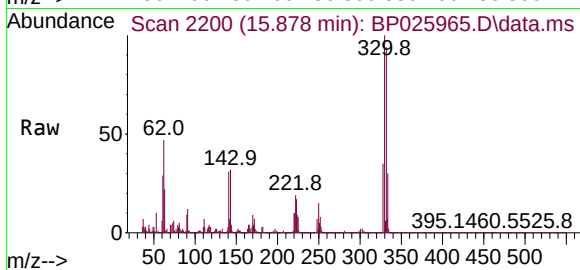
Tgt Ion:330 Resp: 82610

Ion Ratio Lower Upper

330 100

332 99.1 76.9 115.3

141 32.6 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 10.100 ng

RT: 12.966 min Scan# 1705

Delta R.T. 0.018 min

Lab File: BP025965.D

Acq: 09 Oct 2025 15:06

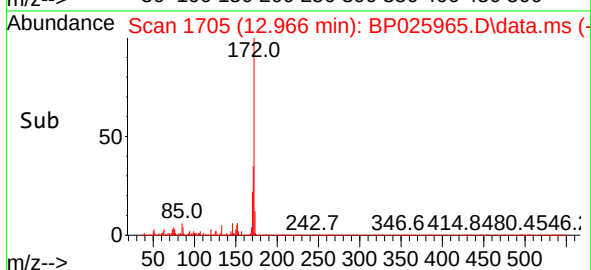
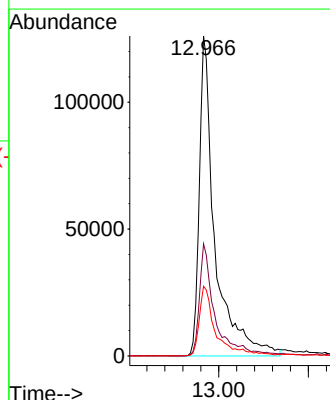
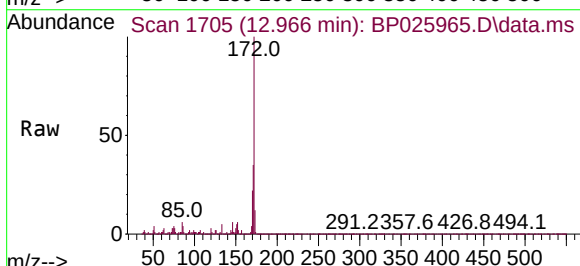
Tgt Ion:172 Resp: 304880

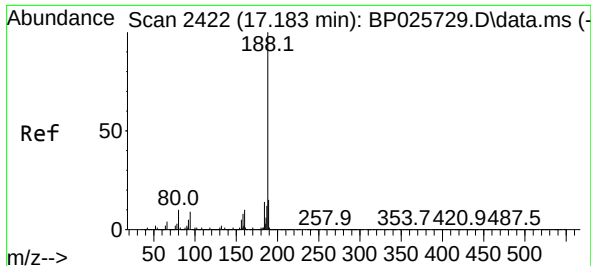
Ion Ratio Lower Upper

172 100

171 35.0 27.8 41.6

170 21.8 18.6 27.8

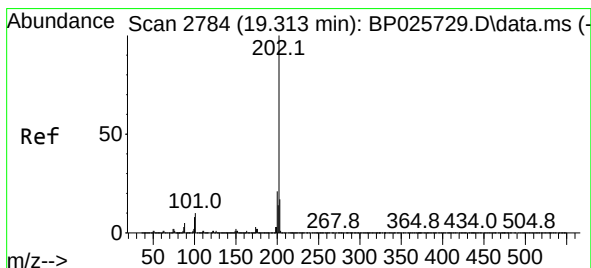
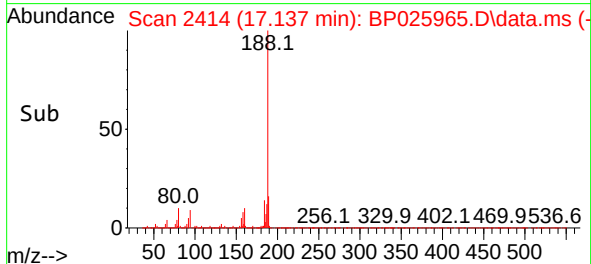
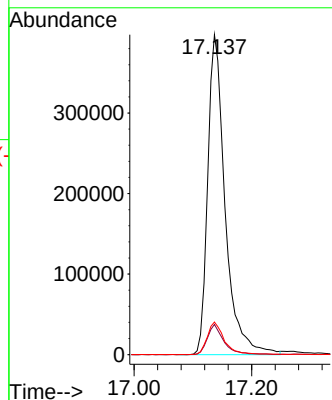
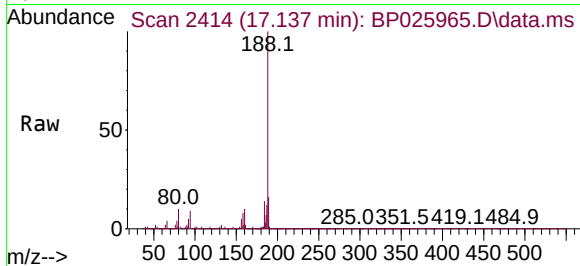




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.137 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025965.D
Acq: 09 Oct 2025 15:06

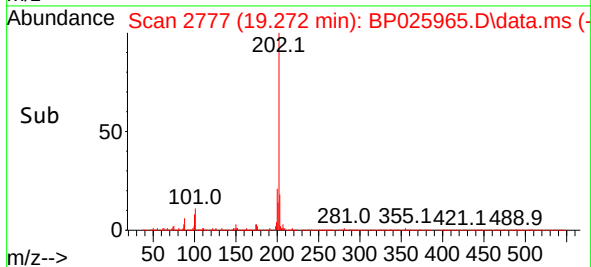
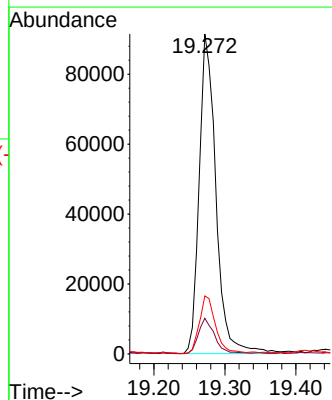
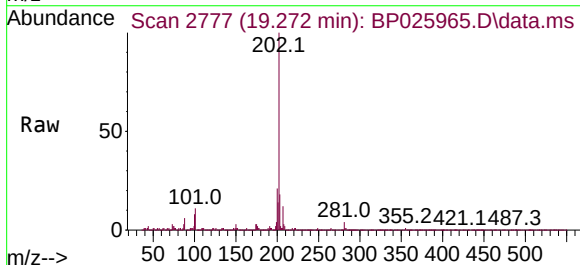
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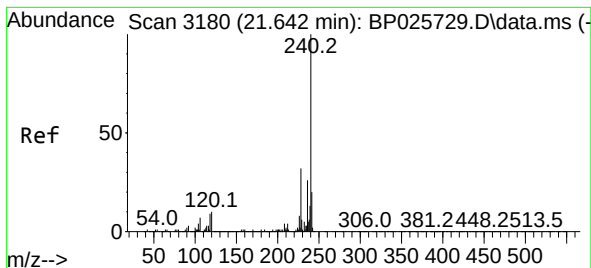
Tgt Ion:188 Resp: 816553
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.0
80 10.2 7.7 11.5



#75
Fluoranthene
Concen: 2.730 ng
RT: 19.272 min Scan# 2777
Delta R.T. 0.006 min
Lab File: BP025965.D
Acq: 09 Oct 2025 15:06

Tgt Ion:202 Resp: 149613
Ion Ratio Lower Upper
202 100
101 11.1 0.0 30.4
203 18.1 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.589 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP025965.D

Acq: 09 Oct 2025 15:06

Instrument :

BNA_P

ClientSampleId :

VNJ-207

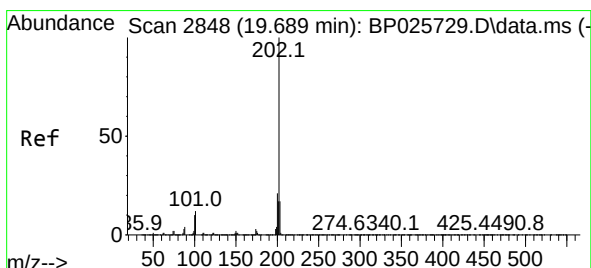
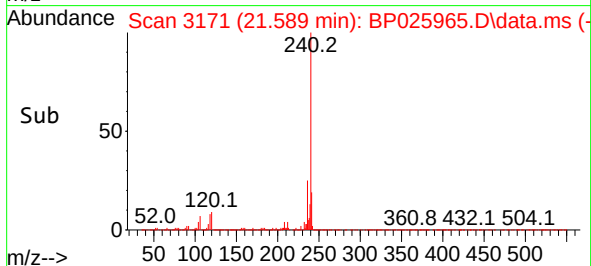
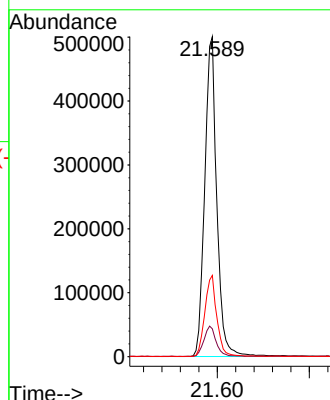
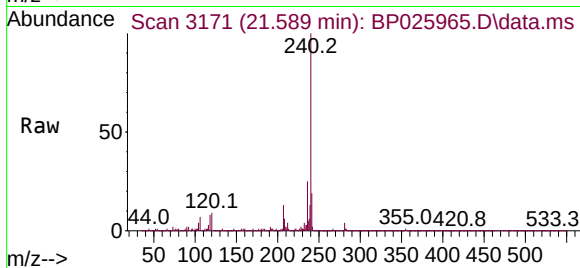
Tgt Ion:240 Resp: 906015

Ion Ratio Lower Upper

240 100

120 8.7 8.0 12.0

236 25.4 20.7 31.1



#78

Pyrene

Concen: 2.108 ng

RT: 19.648 min Scan# 2841

Delta R.T. 0.006 min

Lab File: BP025965.D

Acq: 09 Oct 2025 15:06

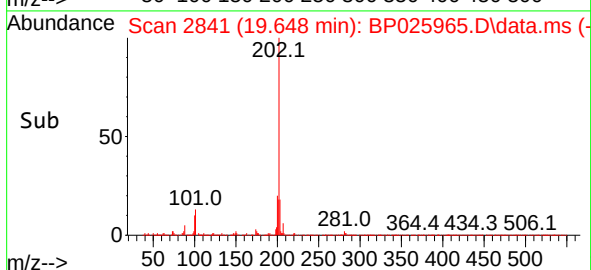
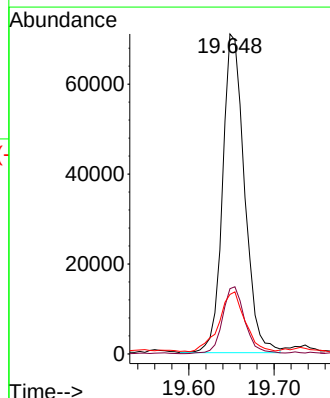
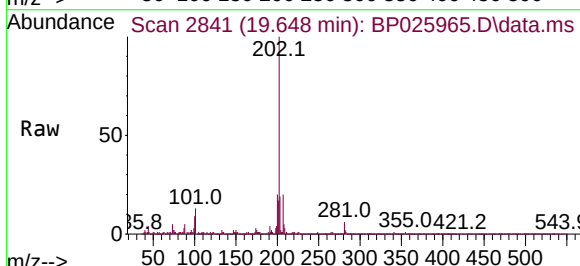
Tgt Ion:202 Resp: 126516

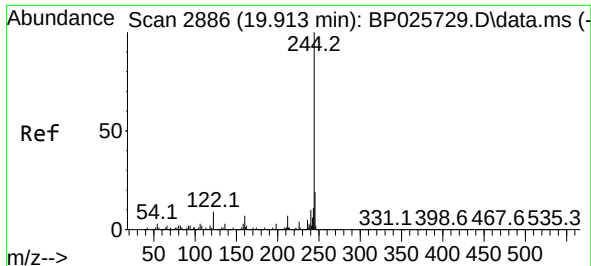
Ion Ratio Lower Upper

202 100

200 20.4 17.0 25.6

203 18.6 13.9 20.9

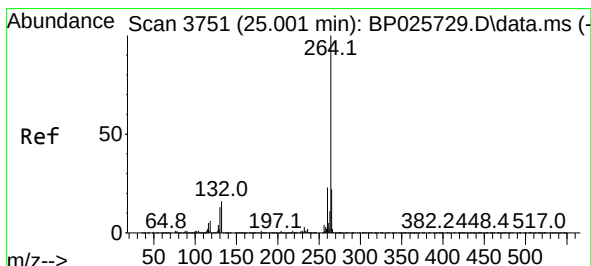
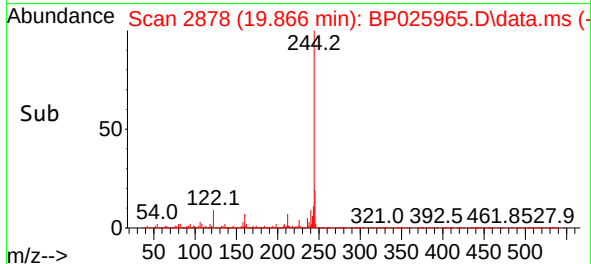
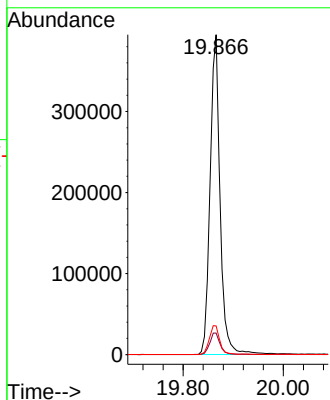
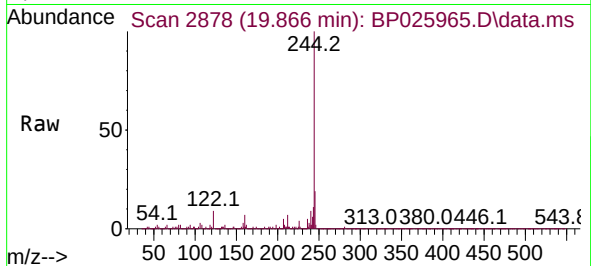




#79
 Terphenyl-d14
 Concen: 10.907 ng
 RT: 19.866 min Scan# 2886
 Delta R.T. 0.012 min
 Lab File: BP025965.D
 Acq: 09 Oct 2025 15:06

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-207

Tgt Ion:244 Resp: 548034
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 9.0 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.913 min Scan# 3736
 Delta R.T. -0.006 min
 Lab File: BP025965.D
 Acq: 09 Oct 2025 15:06

Tgt Ion:264 Resp: 971109
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.3 27.5
 265 21.9 17.3 25.9

