

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100325\
 Data File : BP025922.D
 Acq On : 03 Oct 2025 20:26
 Operator : CG/JU
 Sample : Q3272-01 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-235

Quant Time: Oct 04 02:19:25 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)

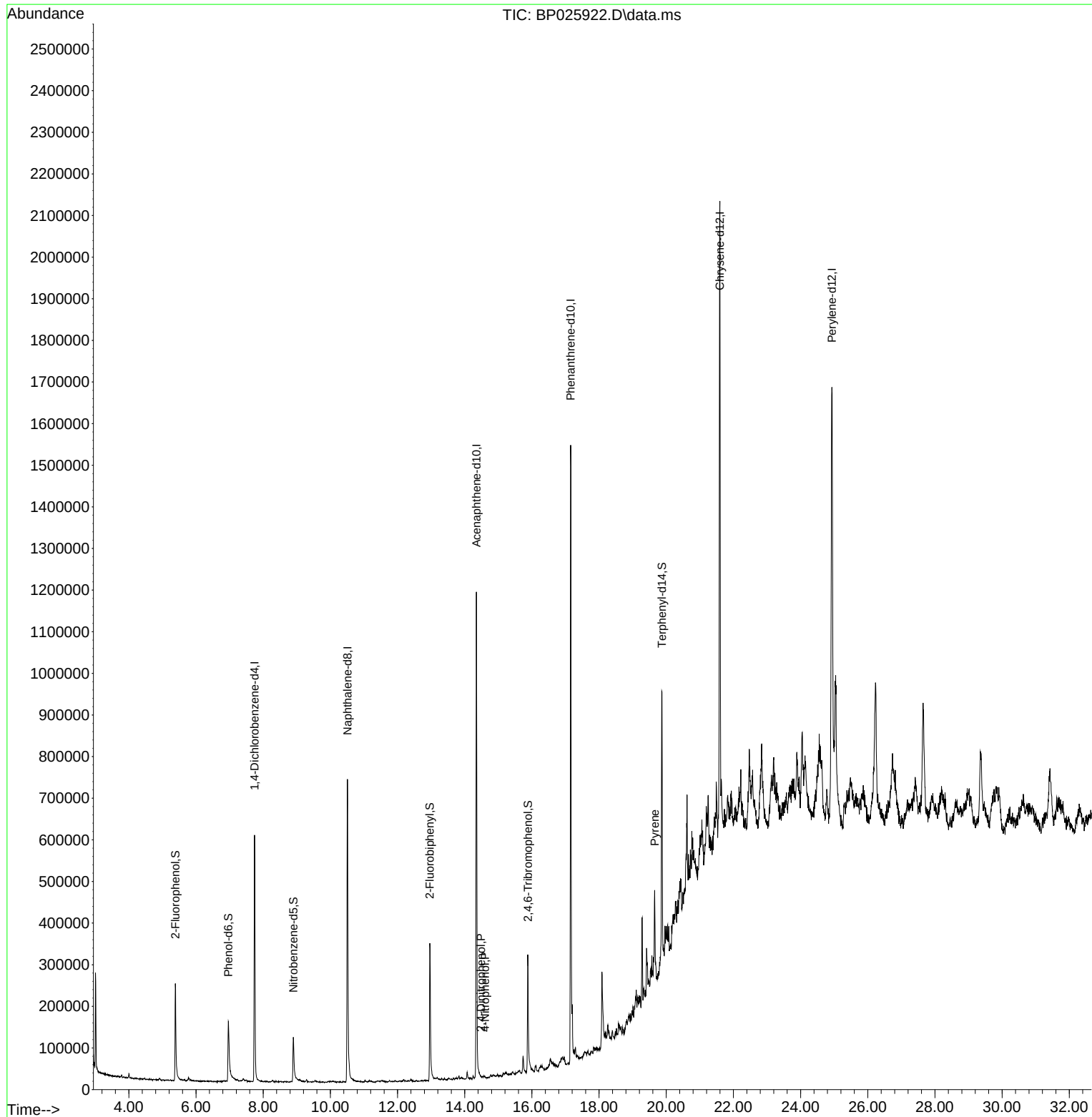
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.743	152	181341	20.000	ng	-0.02
21) Naphthalene-d8	10.507	136	720928	20.000	ng	-0.02
39) Acenaphthene-d10	14.348	164	473770	20.000	ng	-0.03
64) Phenanthrene-d10	17.154	188	960153	20.000	ng	-0.03
76) Chrysene-d12	21.595	240	975497	20.000	ng	-0.05
86) Perylene-d12	24.930	264	1110646	20.000	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	134226	11.943	ng	0.00
7) Phenol-d6	6.960	99	164133	10.987	ng	0.01
23) Nitrobenzene-d5	8.896	82	101184	6.191	ng	0.00
42) 2,4,6-Tribromophenol	15.883	330	69797	11.811	ng	-0.02
45) 2-Fluorobiphenyl	12.960	172	240963	6.772	ng	-0.03
79) Terphenyl-d14	19.872	244	381494	7.035	ng	-0.04
Target Compounds						
54) 2,4-Dinitrophenol	14.484	184	24	4.829	ng	Qvalue # 1
56) 4-Nitrophenol	14.601	139	64	4.491	ng	# 51
78) Pyrene	19.654	202	135501	2.082	ng	98

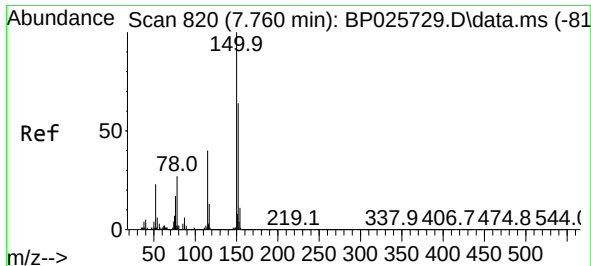
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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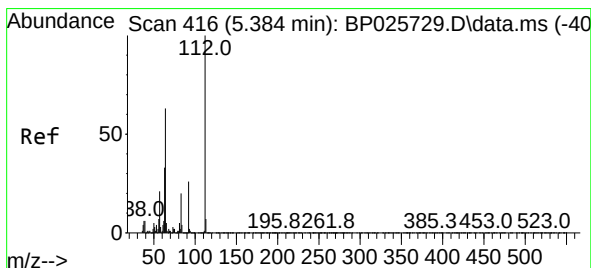
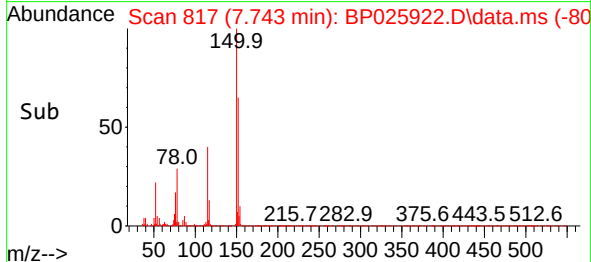
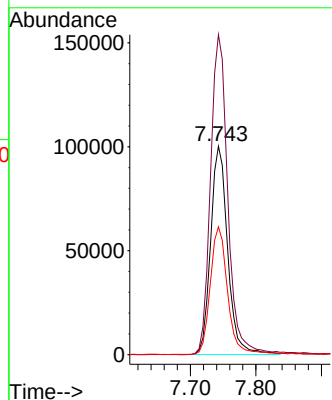
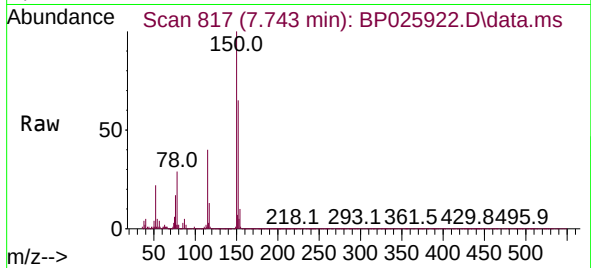




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.743 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP025922.D
Acq: 03 Oct 2025 20:26

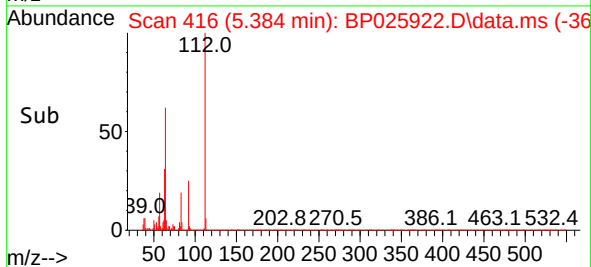
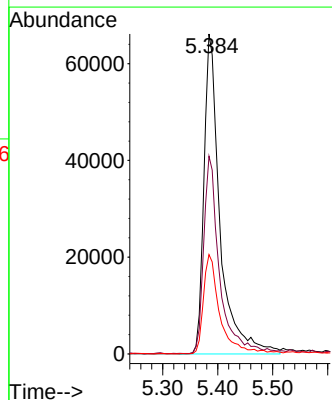
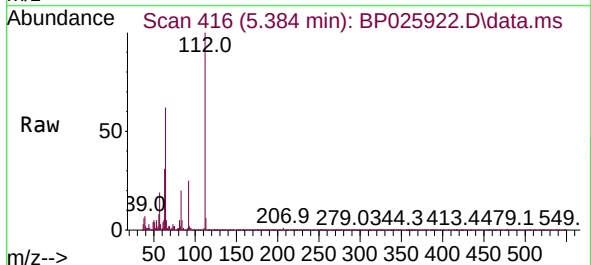
Instrument :
BNA_P
ClientSampleId :
VNJ-235

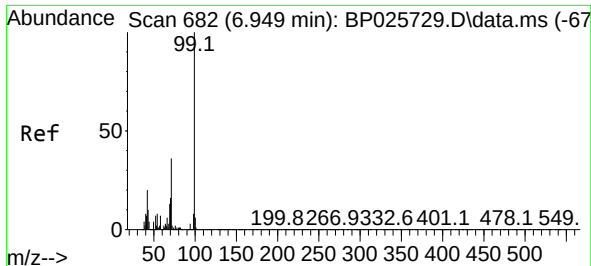
Tgt Ion:152 Resp: 181341
Ion Ratio Lower Upper
152 100
150 153.5 124.3 186.5
115 61.3 50.3 75.5



#5
2-Fluorophenol
Concen: 11.943 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025922.D
Acq: 03 Oct 2025 20:26

Tgt Ion:112 Resp: 134226
Ion Ratio Lower Upper
112 100
64 61.8 50.2 75.4
63 31.0 26.7 40.1

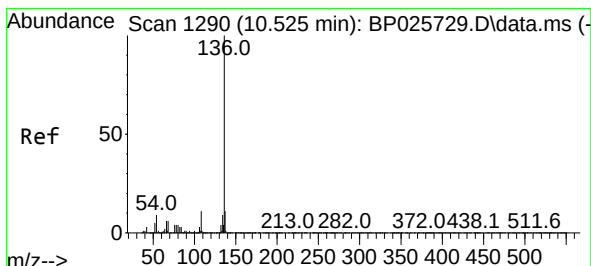
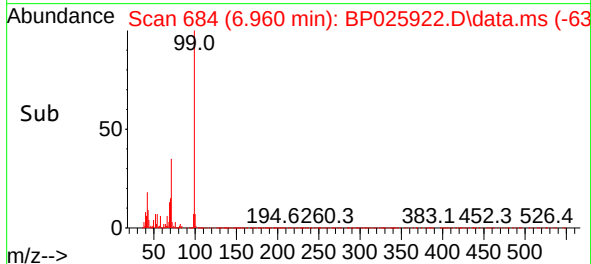
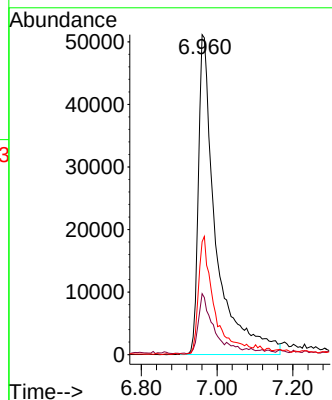
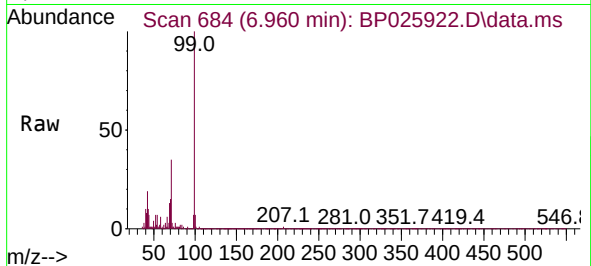




#7
Phenol-d6
Concen: 10.987 ng
RT: 6.960 min Scan# 681
Delta R.T. 0.012 min
Lab File: BP025922.D
Acq: 03 Oct 2025 20:26

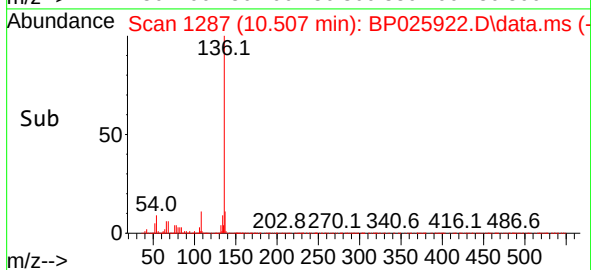
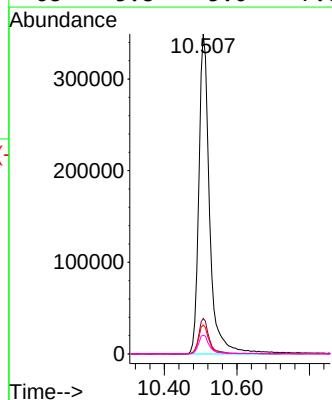
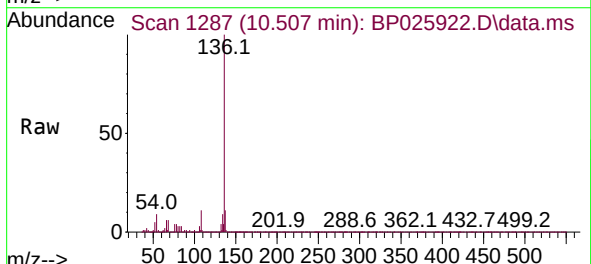
Instrument :
BNA_P
ClientSampleId :
VNJ-235

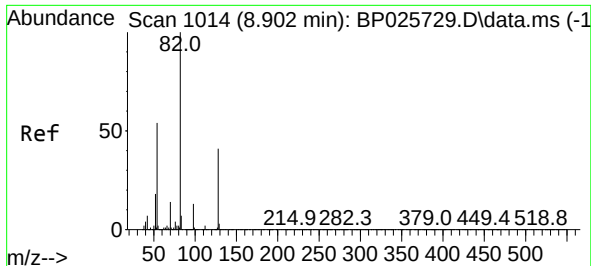
Tgt Ion: 99 Resp: 164133
Ion Ratio Lower Upper
99 100
42 19.0 15.6 23.4
71 35.3 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.507 min Scan# 1287
Delta R.T. -0.018 min
Lab File: BP025922.D
Acq: 03 Oct 2025 20:26

Tgt Ion:136 Resp: 720928
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 9.0 7.5 11.3
68 5.8 5.0 7.6

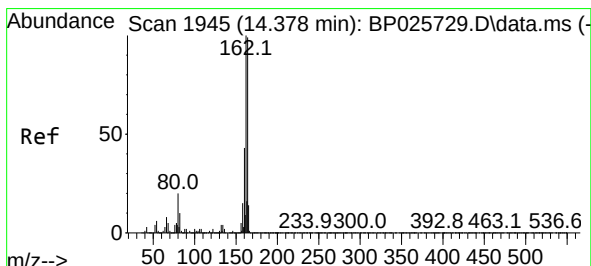
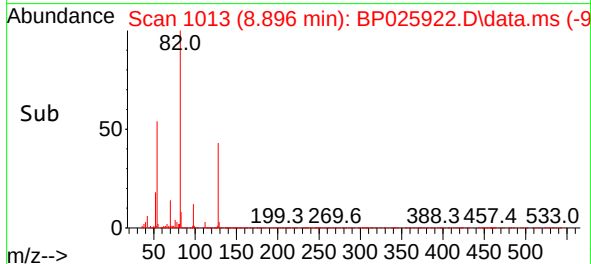
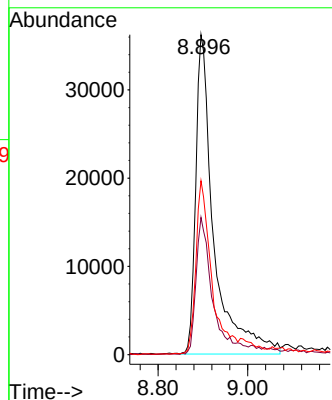
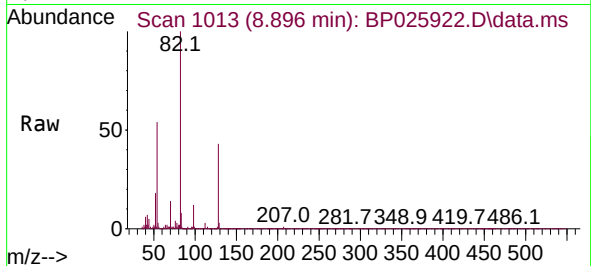




#23
Nitrobenzene-d5
Concen: 6.191 ng
RT: 8.896 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP025922.D
Acq: 03 Oct 2025 20:26

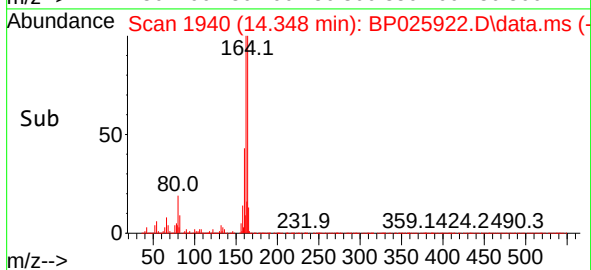
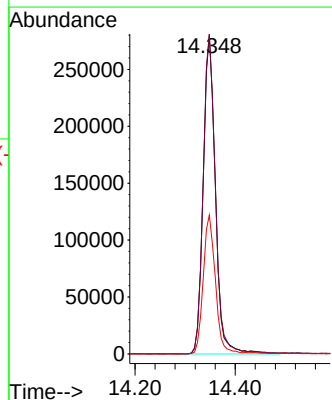
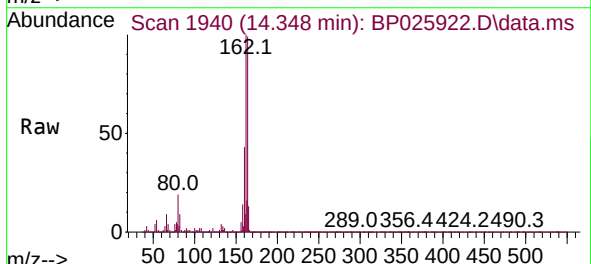
Instrument :
BNA_P
ClientSampleId :
VNJ-235

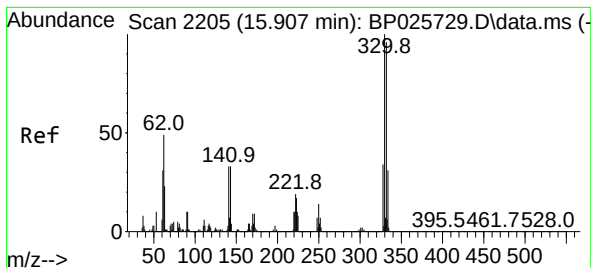
Tgt Ion: 82 Resp: 101184
Ion Ratio Lower Upper
82 100
128 42.9 32.9 49.3
54 54.3 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.348 min Scan# 1940
Delta R.T. -0.030 min
Lab File: BP025922.D
Acq: 03 Oct 2025 20:26

Tgt Ion:164 Resp: 473770
Ion Ratio Lower Upper
164 100
162 100.5 80.6 120.8
160 43.6 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 11.811 ng

RT: 15.883 min Scan# 2205

Delta R.T. -0.024 min

Lab File: BP025922.D

Acq: 03 Oct 2025 20:26

Instrument :

BNA_P

ClientSampleId :

VNJ-235

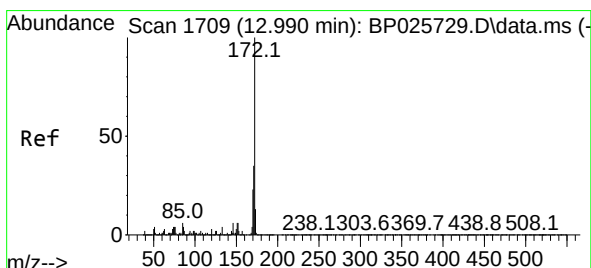
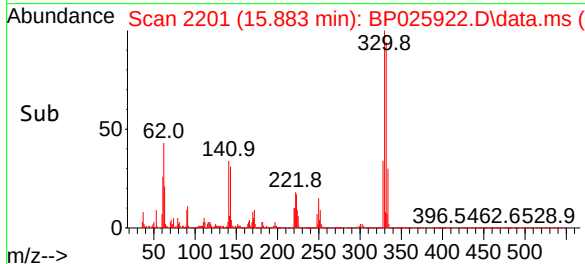
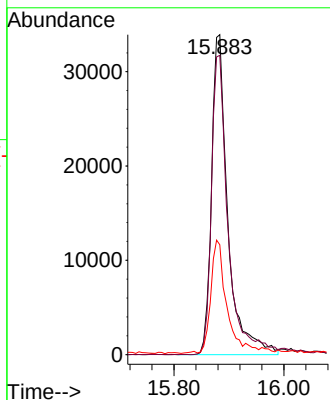
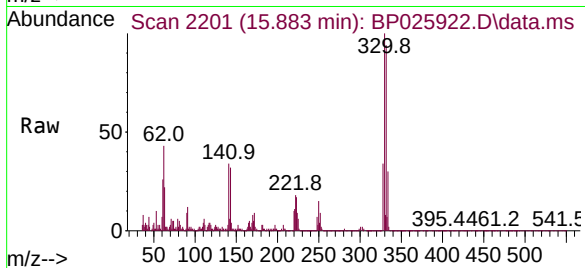
Tgt Ion:330 Resp: 69797

Ion Ratio Lower Upper

330 100

332 95.3 76.9 115.3

141 34.6 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 6.772 ng

RT: 12.960 min Scan# 1704

Delta R.T. -0.029 min

Lab File: BP025922.D

Acq: 03 Oct 2025 20:26

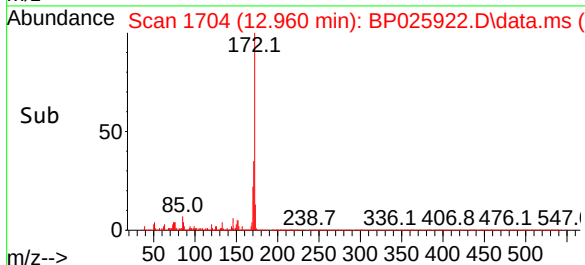
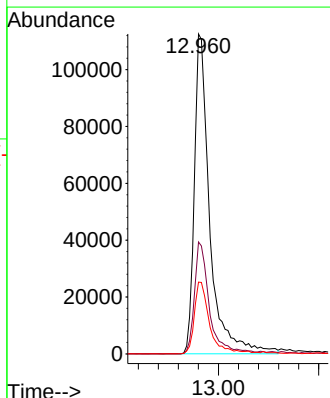
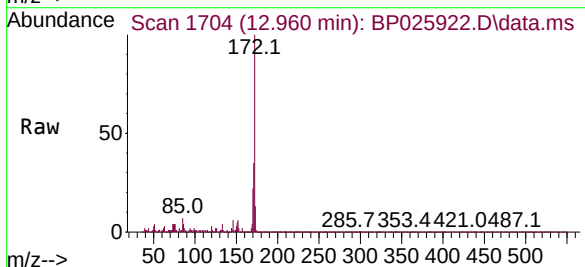
Tgt Ion:172 Resp: 240963

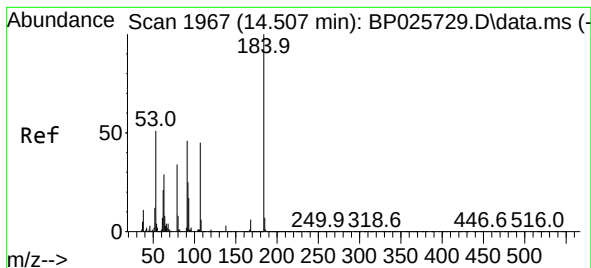
Ion Ratio Lower Upper

172 100

171 35.0 27.8 41.6

170 22.4 18.6 27.8





#54

2,4-Dinitrophenol

Concen: 4.829 ng

RT: 14.484 min Scan# 1963

Delta R.T. -0.023 min

Lab File: BP025922.D

Acq: 03 Oct 2025 20:26

Instrument :

BNA_P

ClientSampleId :

VNJ-235

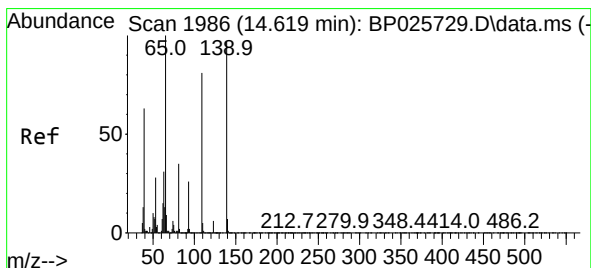
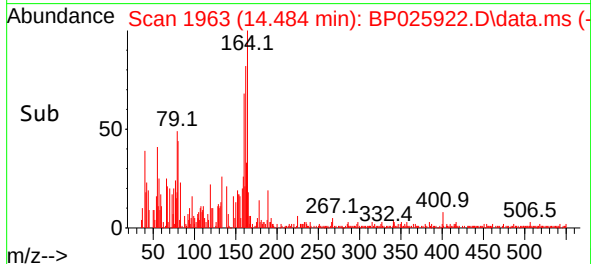
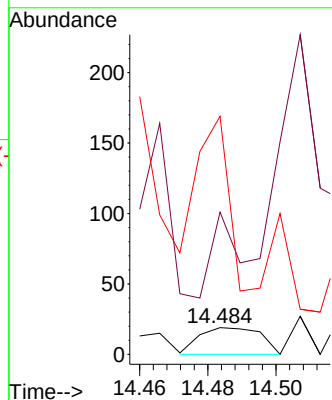
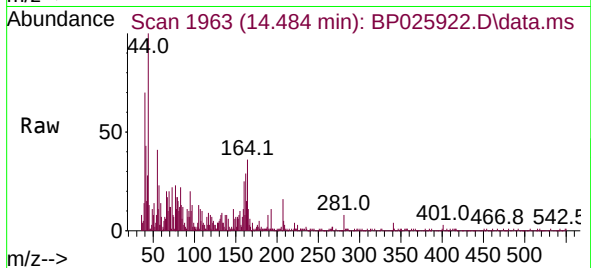
Tgt Ion:184 Resp: 24

Ion Ratio Lower Upper

184 100

63 531.6 52.5 78.7#

154 889.5 51.5 77.3#



#56

4-Nitrophenol

Concen: 4.491 ng

RT: 14.601 min Scan# 1983

Delta R.T. -0.018 min

Lab File: BP025922.D

Acq: 03 Oct 2025 20:26

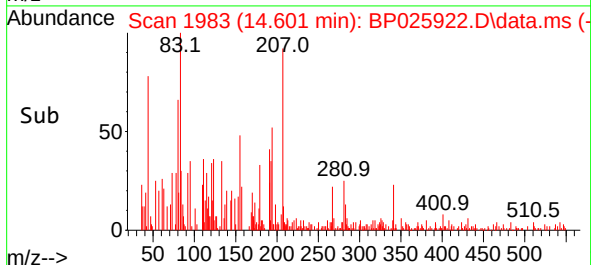
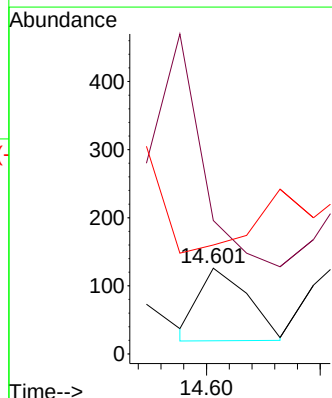
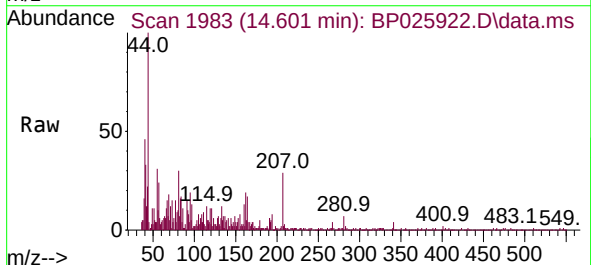
Tgt Ion:139 Resp: 64

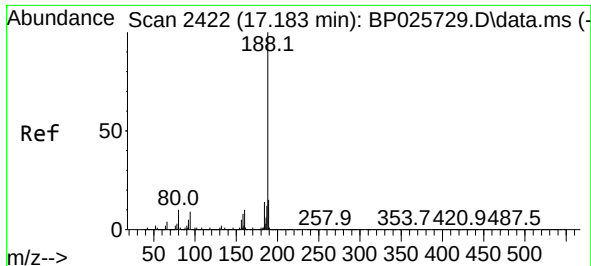
Ion Ratio Lower Upper

139 100

109 155.6 62.9 102.9#

65 127.0 83.4 123.4#

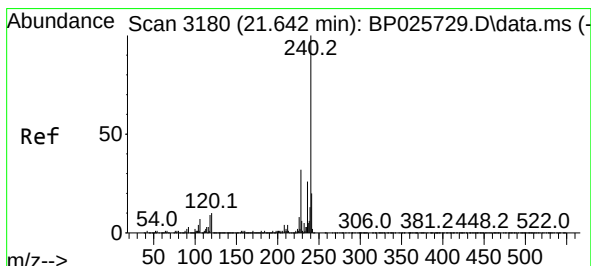
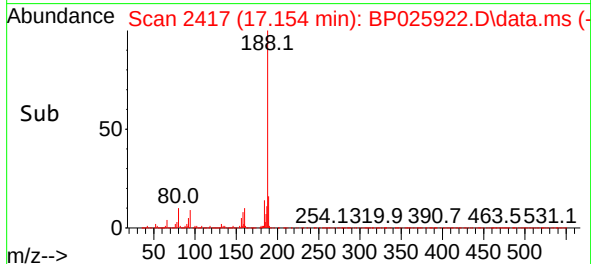
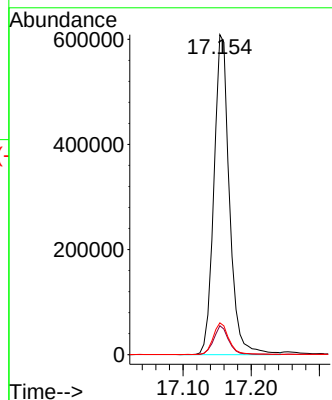
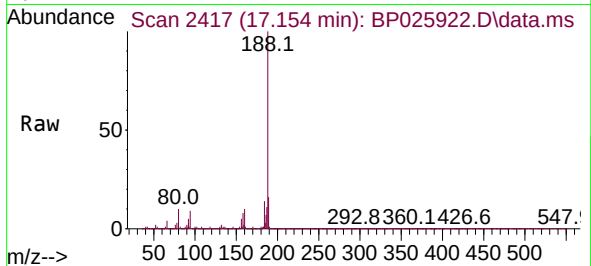




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.154 min Scan# 24
Delta R.T. -0.030 min
Lab File: BP025922.D
Acq: 03 Oct 2025 20:26

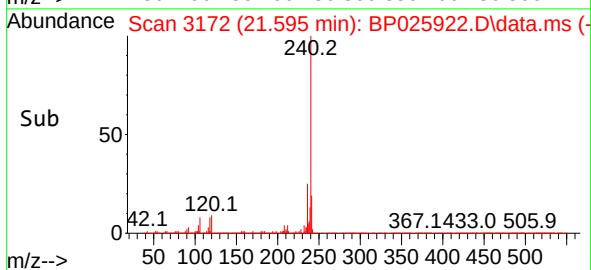
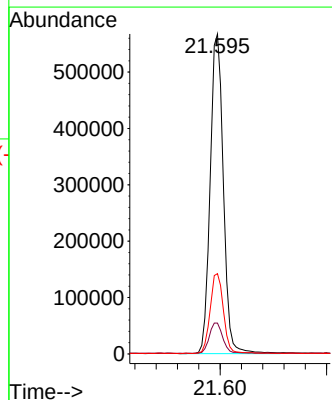
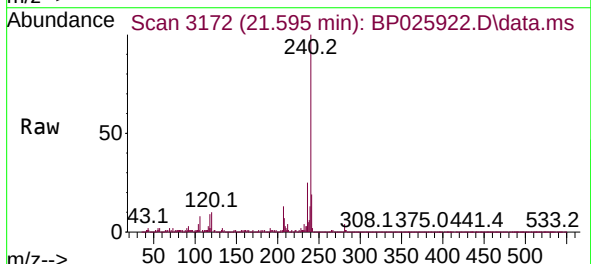
Instrument :
BNA_P
ClientSampleId :
VNJ-235

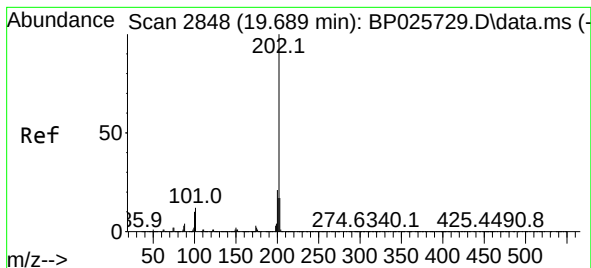
Tgt Ion:188 Resp: 960153
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.0
80 9.9 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.595 min Scan# 3172
Delta R.T. -0.047 min
Lab File: BP025922.D
Acq: 03 Oct 2025 20:26

Tgt Ion:240 Resp: 975497
Ion Ratio Lower Upper
240 100
120 9.6 8.0 12.0
236 25.1 20.7 31.1





#78

Pyrene

Concen: 2.082 ng

RT: 19.654 min Scan# 2842

Delta R.T. -0.035 min

Lab File: BP025922.D

Acq: 03 Oct 2025 20:26

Instrument :

BNA_P

ClientSampleId :

VNJ-235

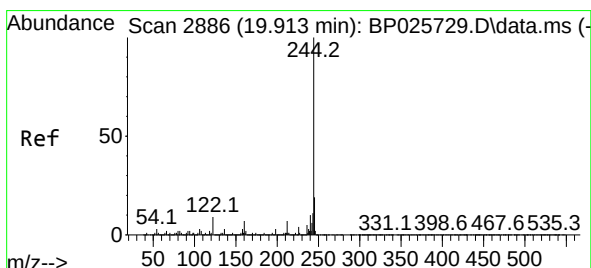
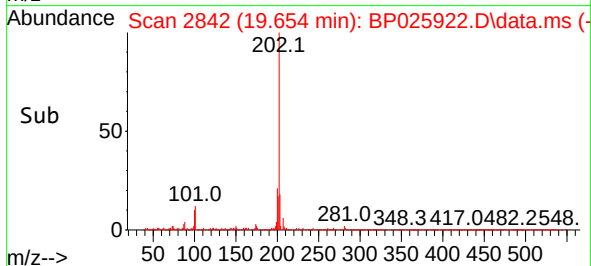
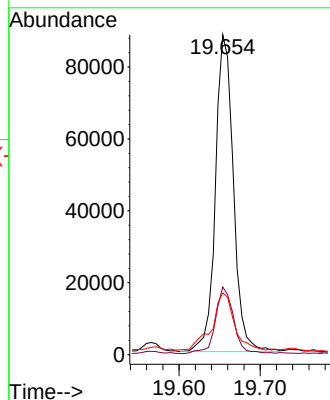
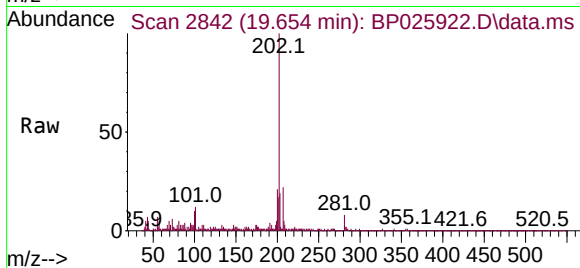
Tgt Ion:202 Resp: 135501

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.6

203 19.3 13.9 20.9



#79

Terphenyl-d14

Concen: 7.035 ng

RT: 19.872 min Scan# 2879

Delta R.T. -0.041 min

Lab File: BP025922.D

Acq: 03 Oct 2025 20:26

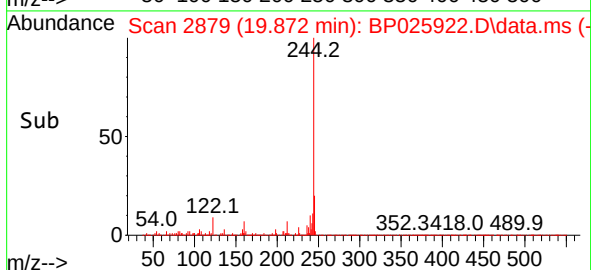
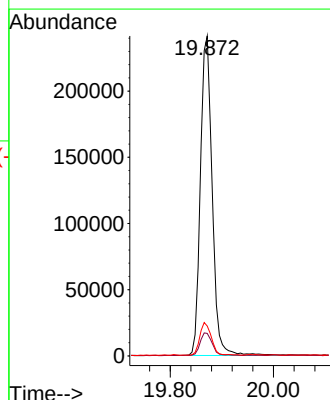
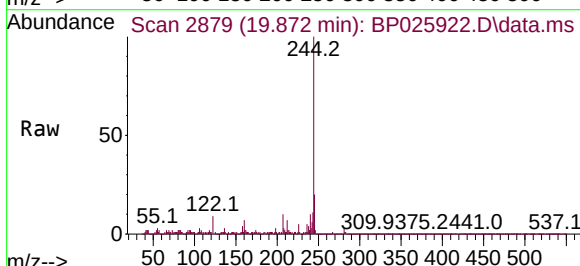
Tgt Ion:244 Resp: 381494

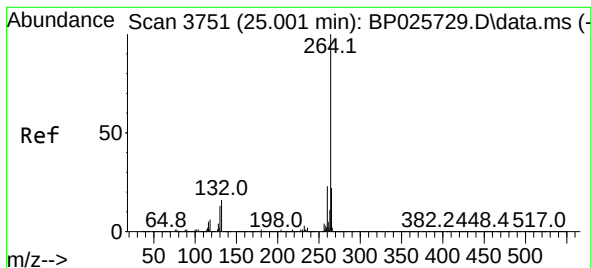
Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 9.3 7.1 10.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.930 min Scan# 31

Delta R.T. -0.071 min

Lab File: BP025922.D

Acq: 03 Oct 2025 20:26

Instrument :

BNA_P

ClientSampleId :

VNJ-235

Tgt Ion:264 Resp: 1110646

Ion Ratio Lower Upper

264 100

260 22.4 18.3 27.5

265 21.6 17.3 25.9

