

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
 Data File : BP025933.D
 Acq On : 06 Oct 2025 21:48
 Operator : CG/JU
 Sample : Q3289-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-240

Quant Time: Oct 07 02:09:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 19:16:54 2025
 Response via : Initial Calibration

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

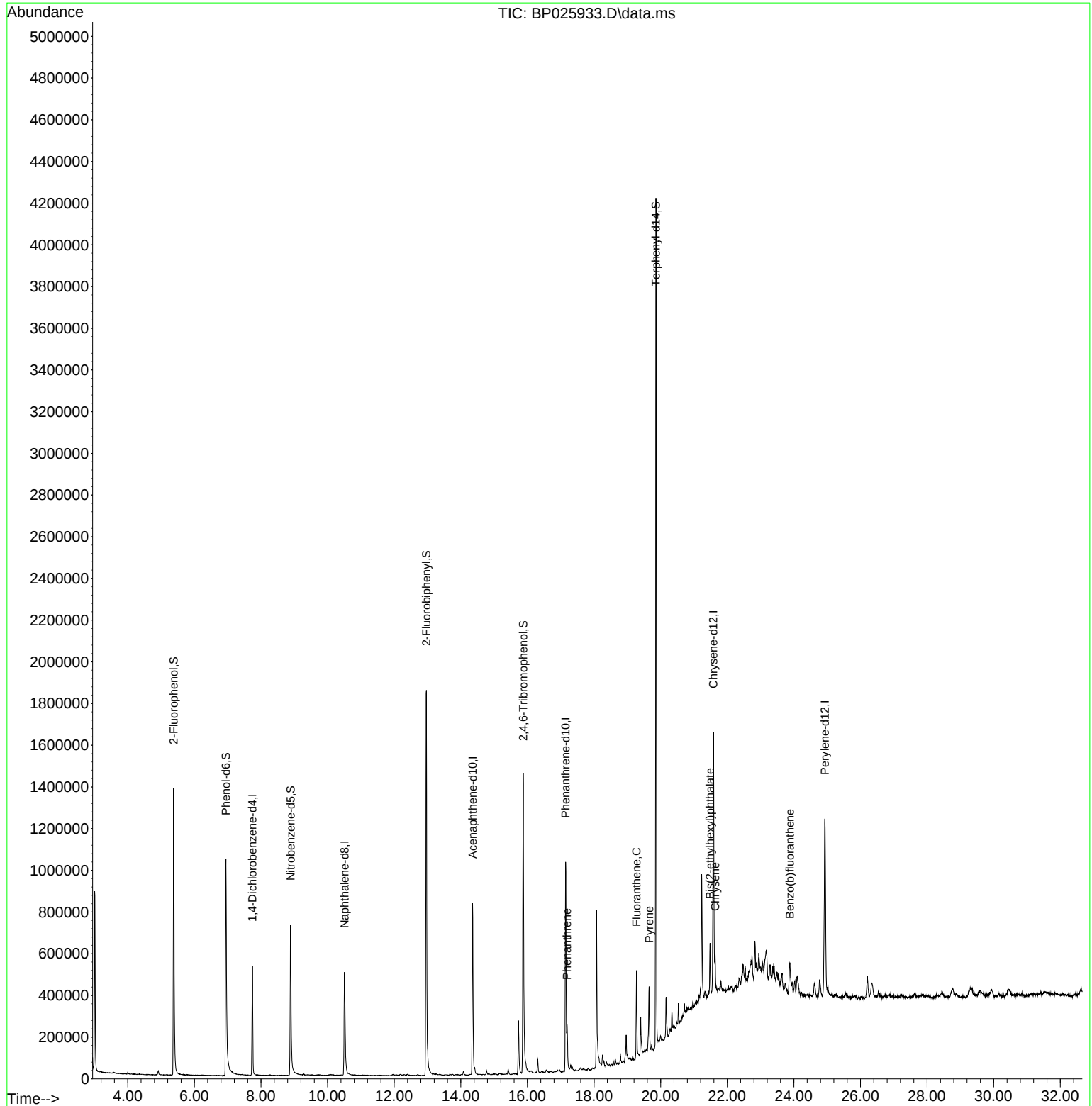
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.743	152	153143	20.000	ng	-0.02
21) Naphthalene-d8	10.507	136	575511	20.000	ng	-0.02
39) Acenaphthene-d10	14.354	164	378026	20.000	ng	-0.02
64) Phenanthrene-d10	17.148	188	782344	20.000	ng	-0.04
76) Chrysene-d12	21.583	240	836935	20.000	ng	-0.06
86) Perylene-d12	24.930	264	957465	20.000	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	716507	75.493	ng	0.00
7) Phenol-d6	6.949	99	900993	71.420	ng	0.00
23) Nitrobenzene-d5	8.890	82	542466	41.578	ng	-0.01
42) 2,4,6-Tribromophenol	15.878	330	386797	82.033	ng	-0.03
45) 2-Fluorobiphenyl	12.966	172	1295951	45.647	ng	-0.02
79) Terphenyl-d14	19.860	244	2276325	48.929	ng	-0.05
Target Compounds						Qvalue
71) Phenanthrene	17.189	178	147393	3.321	ng	99
75) Fluoranthene	19.277	202	259358	4.873	ng	99
78) Pyrene	19.654	202	212109	3.798	ng	97
83) Chrysene	21.636	228	115140	2.108	ng	93
84) Bis(2-ethylhexyl)phtha...	21.483	149	106023	2.960	ng	99
88) Benzo(b)fluoranthene	23.877	252	155954	2.664	ng	# 96

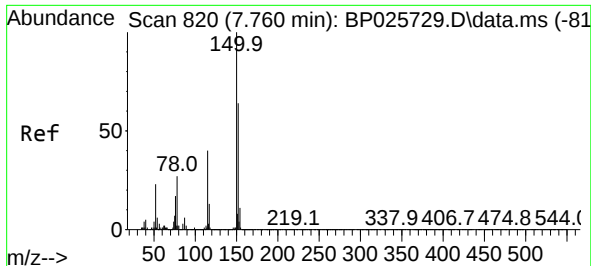
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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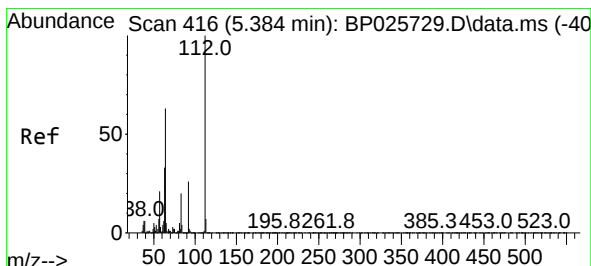
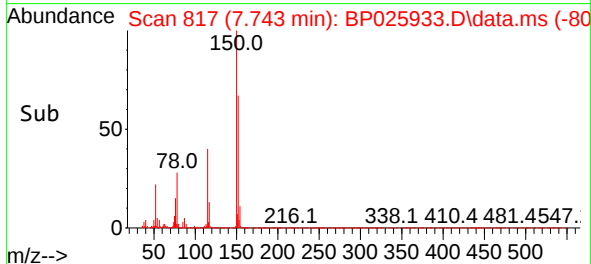
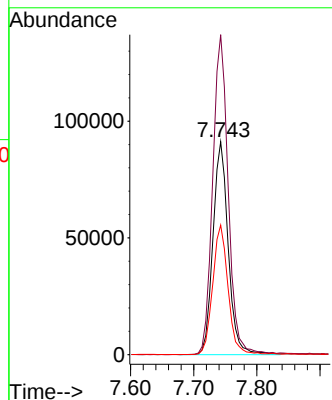
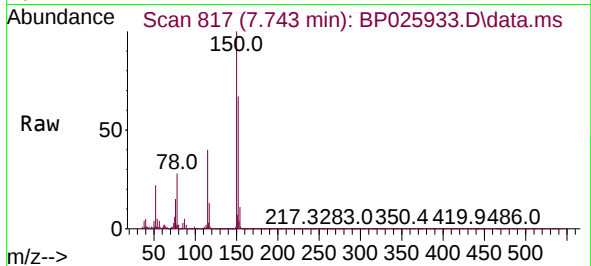




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.743 min Scan# 81
 Delta R.T. -0.017 min
 Lab File: BP025933.D
 Acq: 06 Oct 2025 21:48

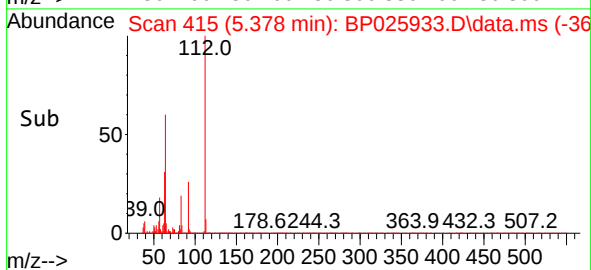
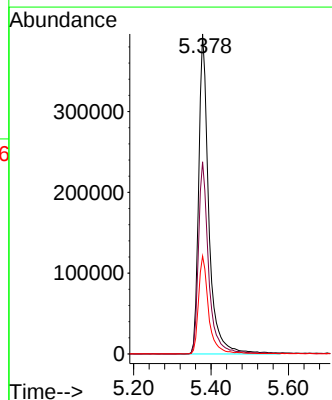
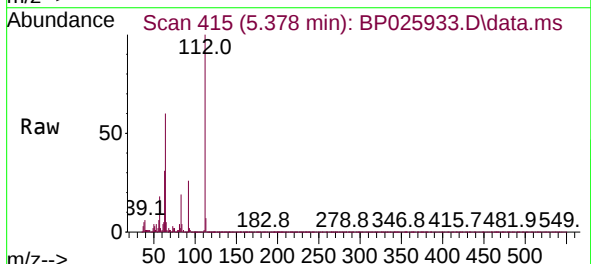
Instrument :
 BNA_P
 ClientSampleId :
 VNJ-240

Tgt Ion:152 Resp: 153143
 Ion Ratio Lower Upper
 152 100
 150 150.4 124.3 186.5
 115 60.9 50.3 75.5



#5
 2-Fluorophenol
 Concen: 75.493 ng
 RT: 5.378 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: BP025933.D
 Acq: 06 Oct 2025 21:48

Tgt Ion:112 Resp: 716507
 Ion Ratio Lower Upper
 112 100
 64 60.0 50.2 75.4
 63 30.6 26.7 40.1

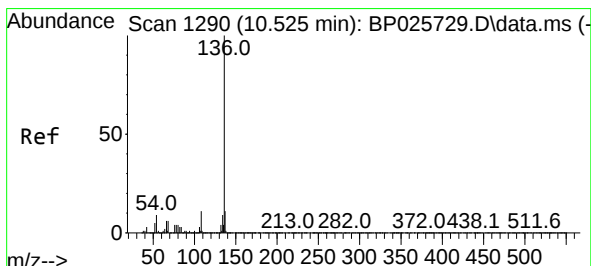
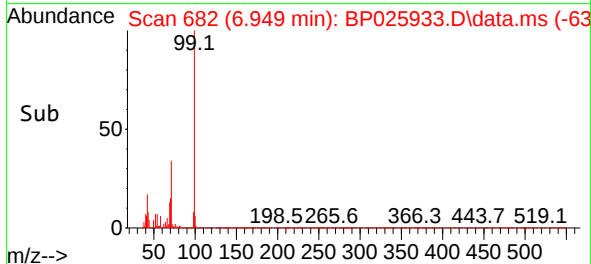
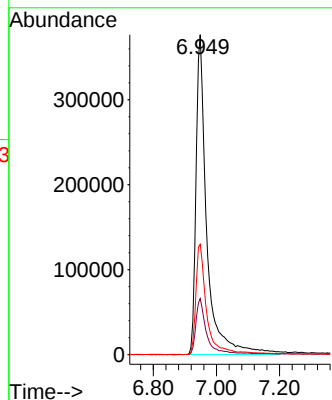
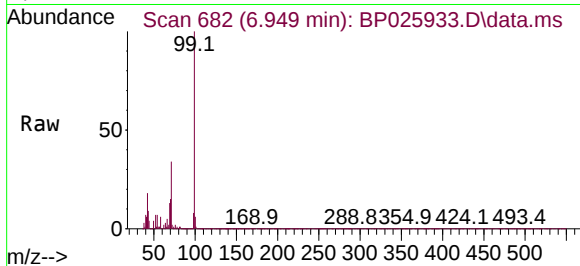




#7
Phenol-d6
Concen: 71.420 ng
RT: 6.949 min Scan# 682
Delta R.T. -0.000 min
Lab File: BP025933.D
Acq: 06 Oct 2025 21:48

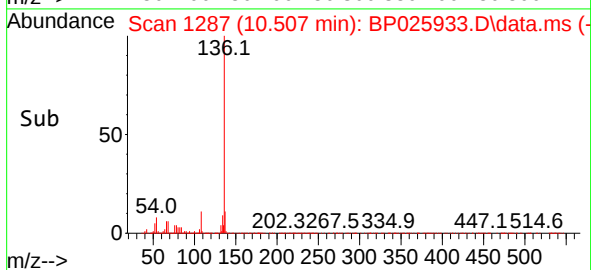
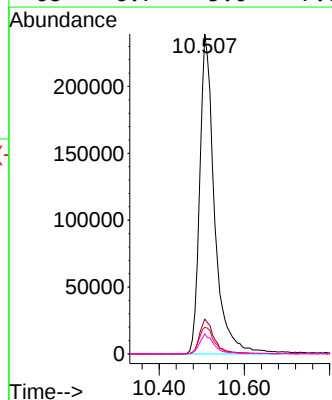
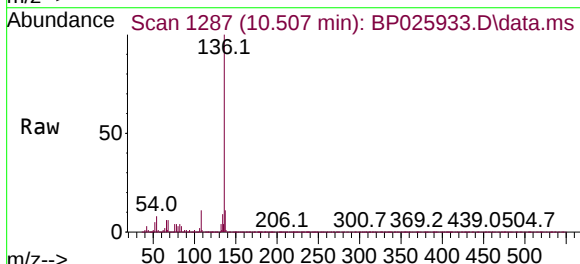
Instrument :
BNA_P
ClientSampleId :
VNJ-240

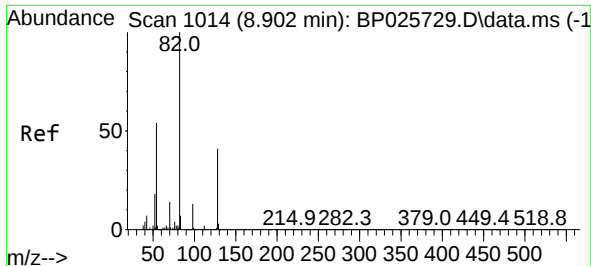
Tgt Ion: 99	Resp: 900993
Ion Ratio	Lower Upper
99 100	
42 17.5	15.6 23.4
71 34.5	28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.507 min Scan# 1287
Delta R.T. -0.018 min
Lab File: BP025933.D
Acq: 06 Oct 2025 21:48

Tgt Ion: 136	Resp: 575511
Ion Ratio	Lower Upper
136 100	
137 10.8	8.7 13.1
54 8.3	7.5 11.3
68 6.7	5.0 7.6

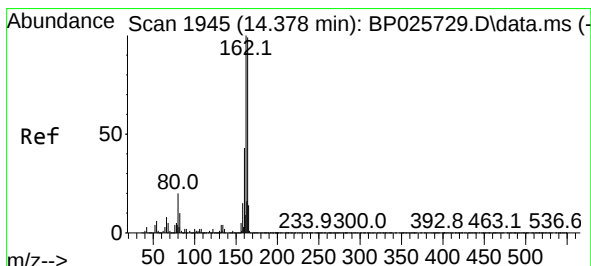
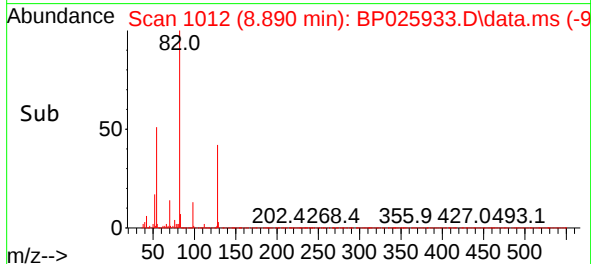
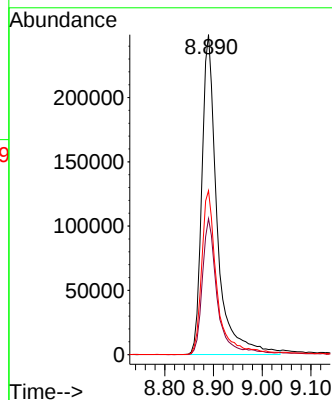
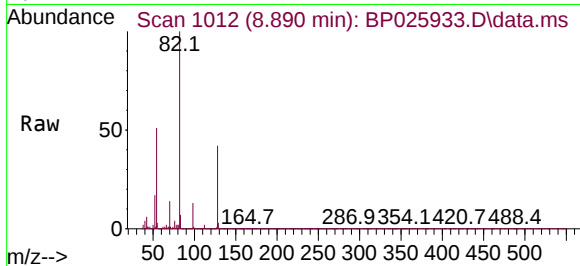




#23
 Nitrobenzene-d5
 Concen: 41.578 ng
 RT: 8.890 min Scan# 1014
 Delta R.T. -0.012 min
 Lab File: BP025933.D
 Acq: 06 Oct 2025 21:48

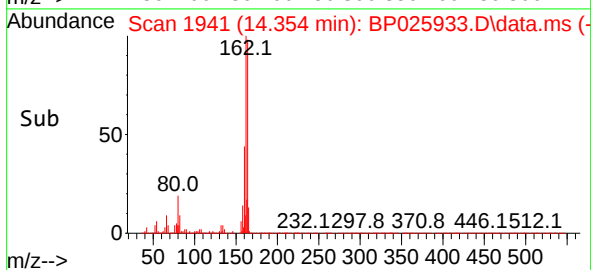
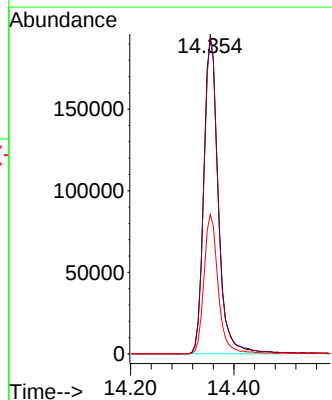
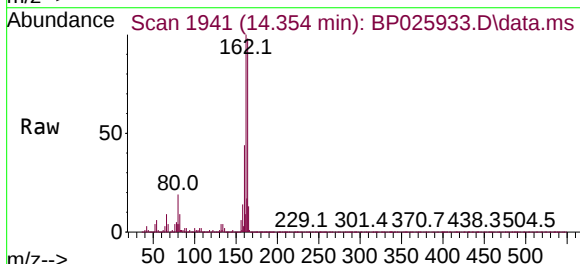
Instrument :
 BNA_P
 ClientSampleId :
 VNJ-240

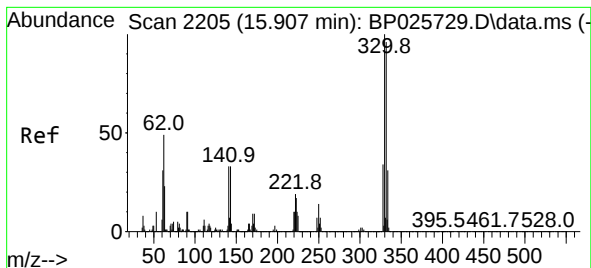
Tgt Ion: 82 Resp: 542466
 Ion Ratio Lower Upper
 82 100
 128 42.5 32.9 49.3
 54 51.2 43.4 65.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.354 min Scan# 1941
 Delta R.T. -0.024 min
 Lab File: BP025933.D
 Acq: 06 Oct 2025 21:48

Tgt Ion: 164 Resp: 378026
 Ion Ratio Lower Upper
 164 100
 162 101.8 80.6 120.8
 160 44.4 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 82.033 ng

RT: 15.878 min Scan# 21

Delta R.T. -0.030 min

Lab File: BP025933.D

Acq: 06 Oct 2025 21:48

Instrument :

BNA_P

ClientSampleId :

VNJ-240

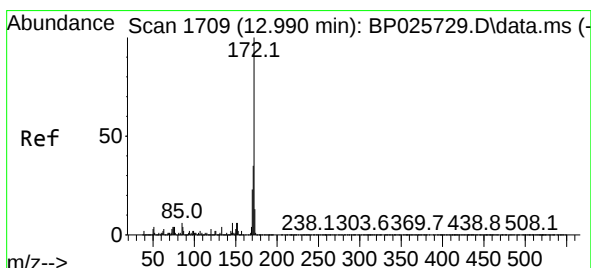
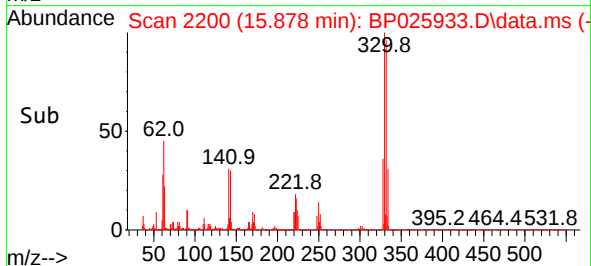
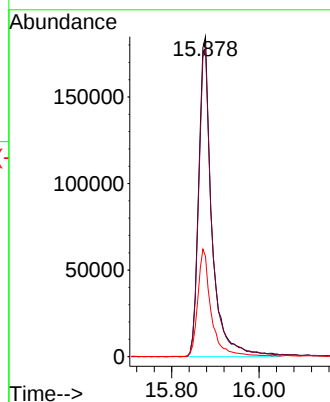
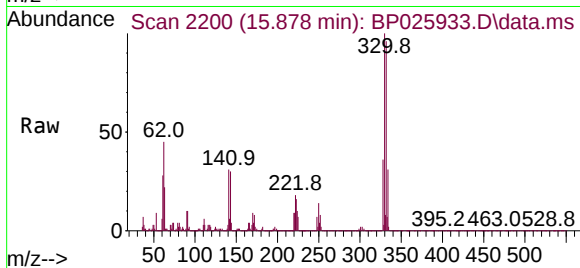
Tgt Ion:330 Resp: 386797

Ion Ratio Lower Upper

330 100

332 97.6 76.9 115.3

141 33.7 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 45.647 ng

RT: 12.966 min Scan# 1705

Delta R.T. -0.024 min

Lab File: BP025933.D

Acq: 06 Oct 2025 21:48

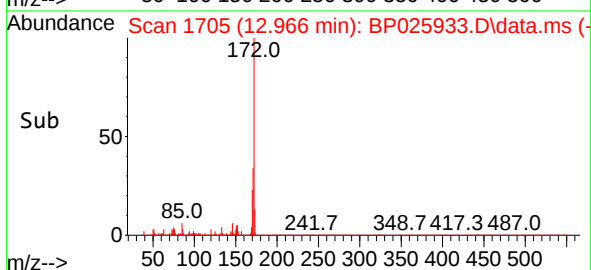
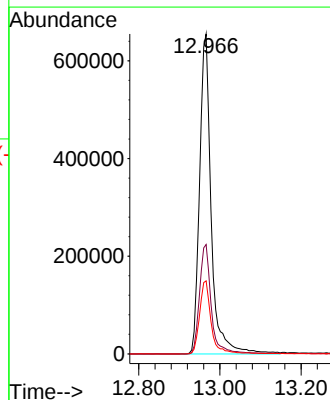
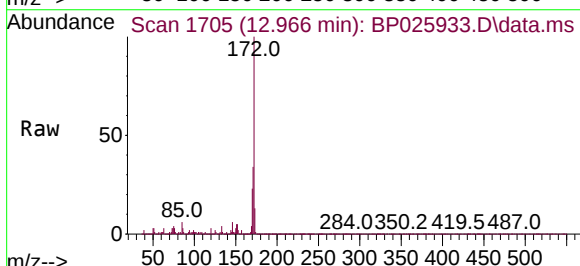
Tgt Ion:172 Resp: 1295951

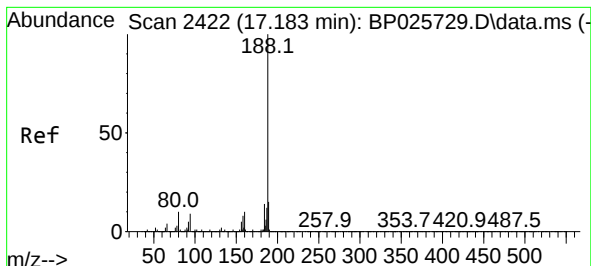
Ion Ratio Lower Upper

172 100

171 34.2 27.8 41.6

170 22.8 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.148 min Scan# 2416

Delta R.T. -0.035 min

Lab File: BP025933.D

Acq: 06 Oct 2025 21:48

Instrument :

BNA_P

ClientSampleId :

VNJ-240

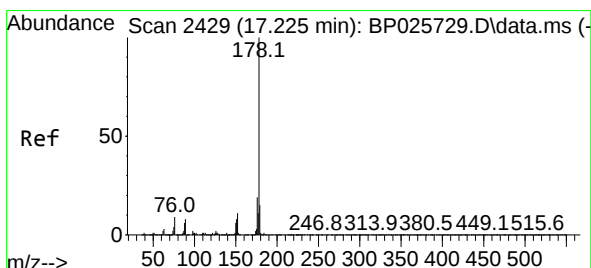
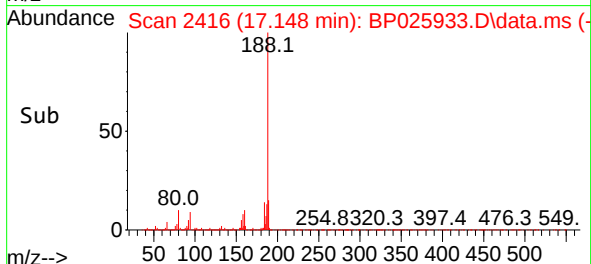
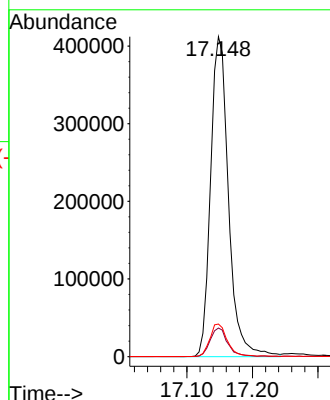
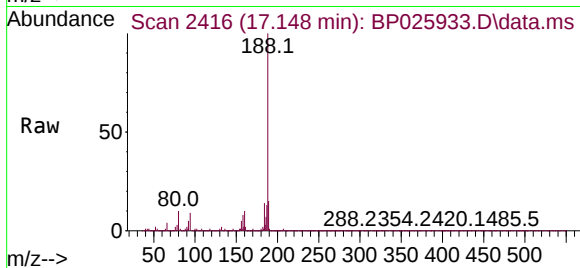
Tgt Ion:188 Resp: 782344

Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.0

80 10.2 7.7 11.5



#71

Phenanthrene

Concen: 3.321 ng

RT: 17.189 min Scan# 2423

Delta R.T. -0.035 min

Lab File: BP025933.D

Acq: 06 Oct 2025 21:48

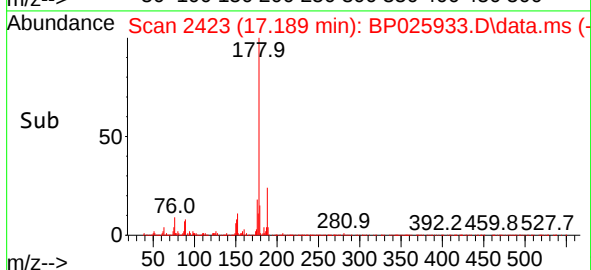
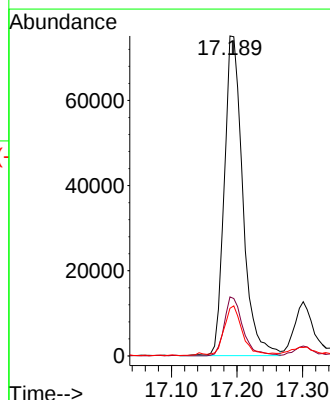
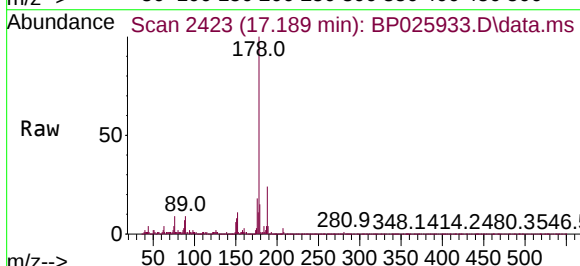
Tgt Ion:178 Resp: 147393

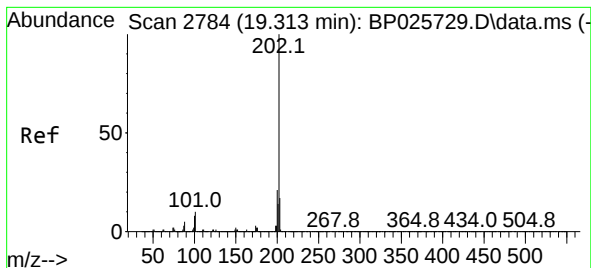
Ion Ratio Lower Upper

178 100

176 18.4 15.4 23.2

179 14.9 12.2 18.4





#75

Fluoranthene

Concen: 4.873 ng

RT: 19.277 min Scan# 21

Delta R.T. -0.035 min

Lab File: BP025933.D

Acq: 06 Oct 2025 21:48

Instrument :

BNA_P

ClientSampleId :

VNJ-240

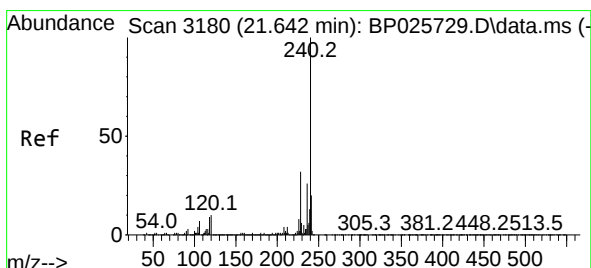
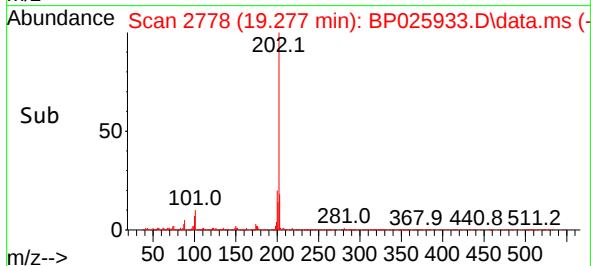
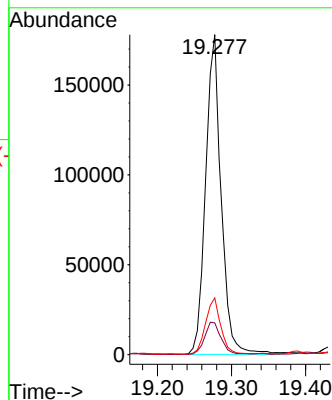
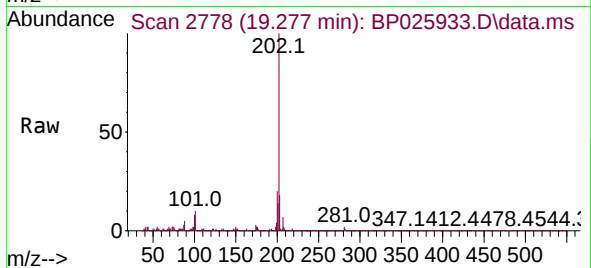
Tgt Ion:202 Resp: 259358

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.4

203 17.7 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.583 min Scan# 3170

Delta R.T. -0.059 min

Lab File: BP025933.D

Acq: 06 Oct 2025 21:48

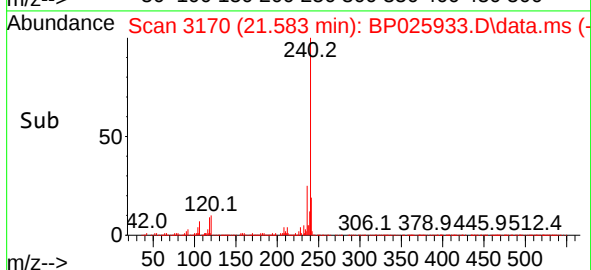
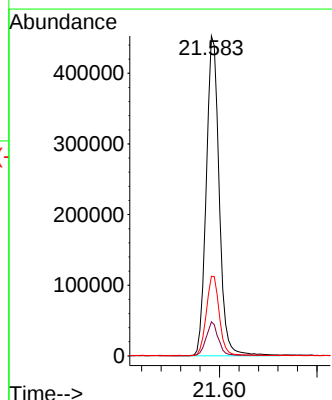
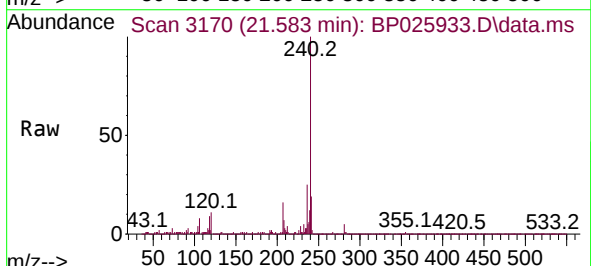
Tgt Ion:240 Resp: 836935

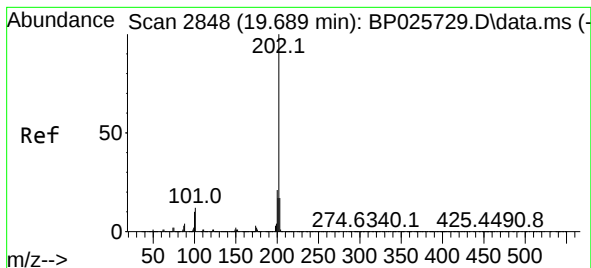
Ion Ratio Lower Upper

240 100

120 10.6 8.0 12.0

236 24.9 20.7 31.1





#78

Pyrene

Concen: 3.798 ng

RT: 19.654 min Scan# 2842

Delta R.T. -0.035 min

Lab File: BP025933.D

Acq: 06 Oct 2025 21:48

Instrument :

BNA_P

ClientSampleId :

VNJ-240

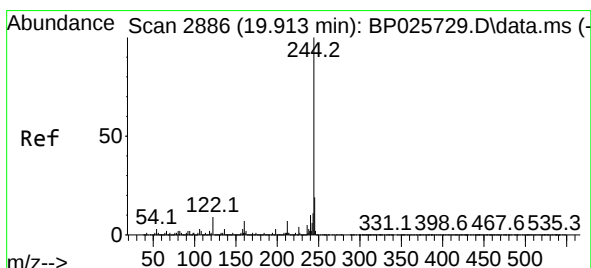
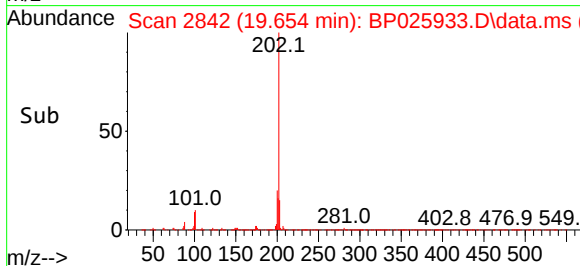
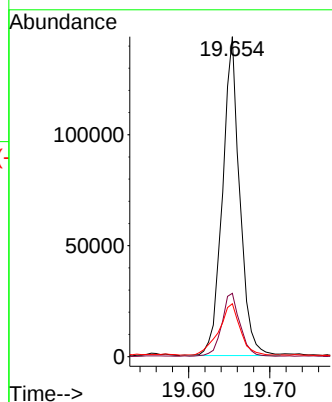
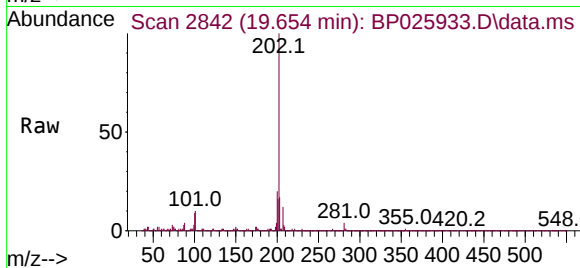
Tgt Ion:202 Resp: 212109

Ion Ratio Lower Upper

202 100

200 19.8 17.0 25.6

203 16.5 13.9 20.9



#79

Terphenyl-d14

Concen: 48.929 ng

RT: 19.860 min Scan# 2877

Delta R.T. -0.053 min

Lab File: BP025933.D

Acq: 06 Oct 2025 21:48

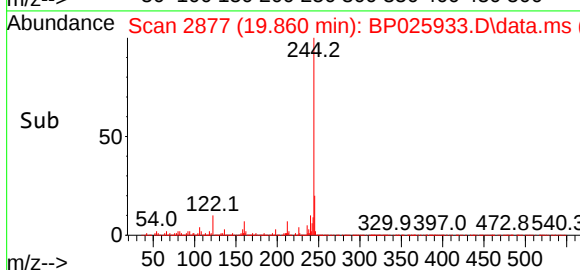
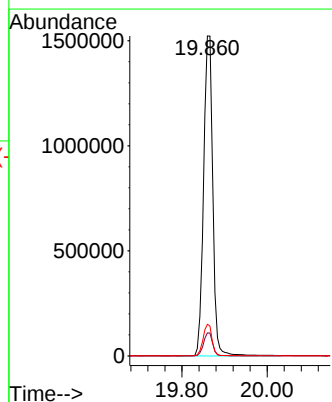
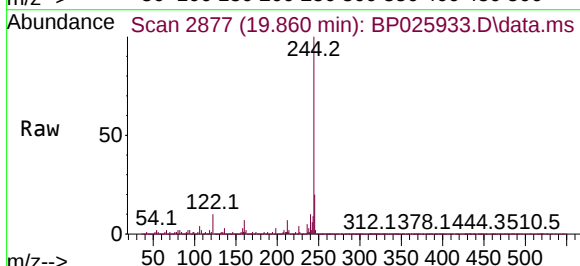
Tgt Ion:244 Resp: 2276325

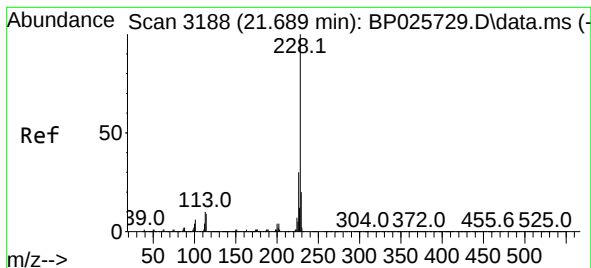
Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 9.9 7.1 10.7





#83

Chrysene

Concen: 2.108 ng

RT: 21.636 min Scan# 31

Delta R.T. -0.053 min

Lab File: BP025933.D

Acq: 06 Oct 2025 21:48

Instrument :

BNA_P

ClientSampleId :

VNJ-240

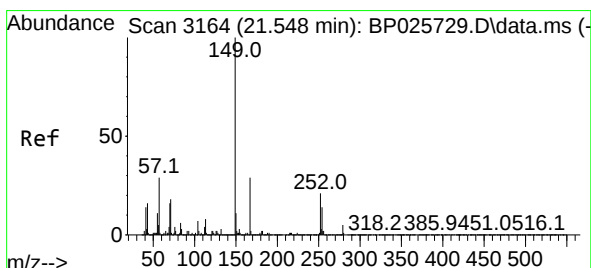
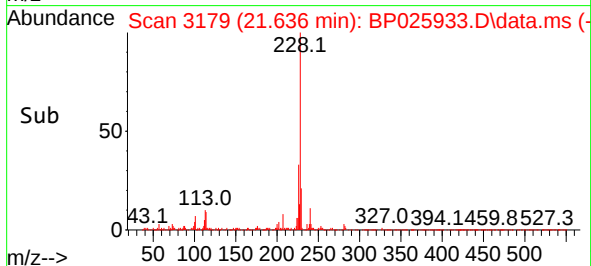
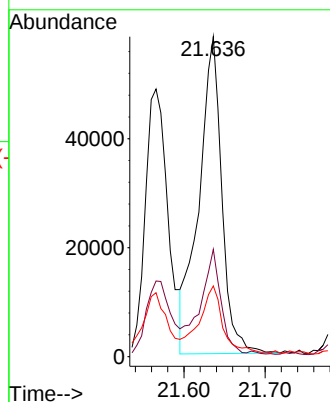
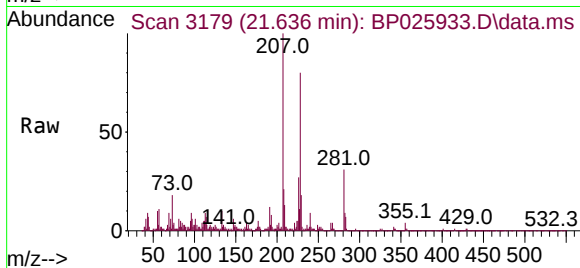
Tgt Ion:228 Resp: 115140

Ion Ratio Lower Upper

228 100

226 33.6 23.8 35.6

229 22.1 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.960 ng

RT: 21.483 min Scan# 3153

Delta R.T. -0.065 min

Lab File: BP025933.D

Acq: 06 Oct 2025 21:48

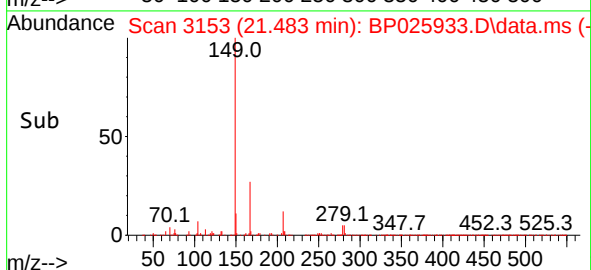
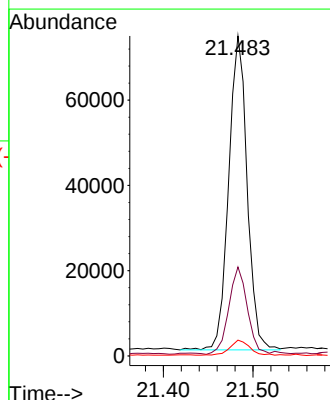
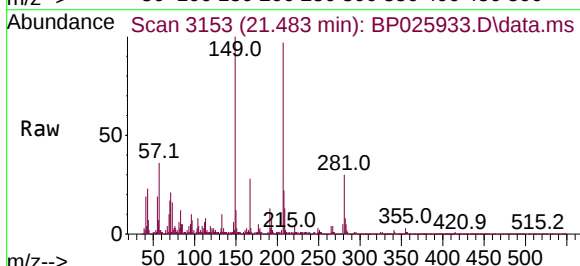
Tgt Ion:149 Resp: 106023

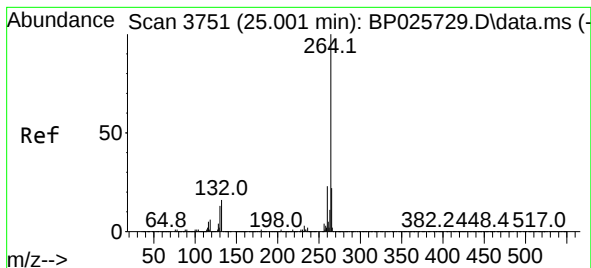
Ion Ratio Lower Upper

149 100

167 27.8 22.9 34.3

279 5.0 3.8 5.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.930 min Scan# 31

Delta R.T. -0.071 min

Lab File: BP025933.D

Acq: 06 Oct 2025 21:48

Instrument :

BNA_P

ClientSampleId :

VNJ-240

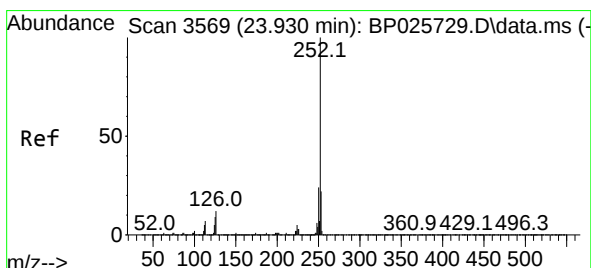
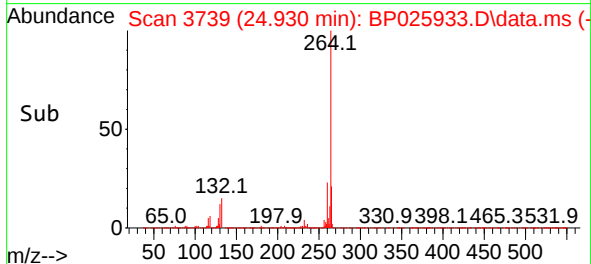
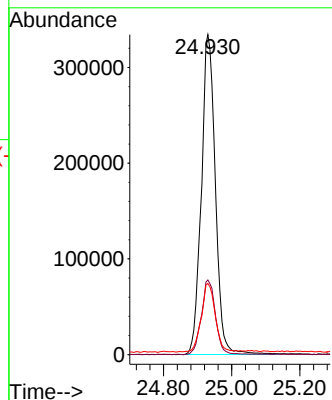
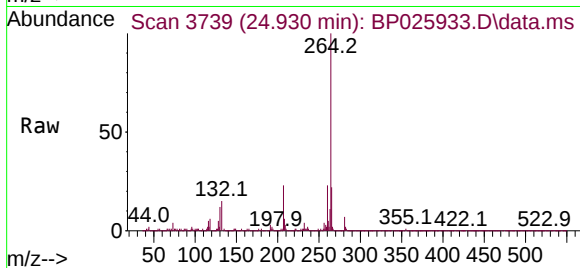
Tgt Ion:264 Resp: 957465

Ion Ratio Lower Upper

264 100

260 23.3 18.3 27.5

265 22.2 17.3 25.9



#88

Benzo(b)fluoranthene

Concen: 2.664 ng

RT: 23.877 min Scan# 3560

Delta R.T. -0.053 min

Lab File: BP025933.D

Acq: 06 Oct 2025 21:48

Tgt Ion:252 Resp: 155954

Ion Ratio Lower Upper

252 100

253 23.7 17.9 26.9

125 11.5 7.3 10.9#

